

10

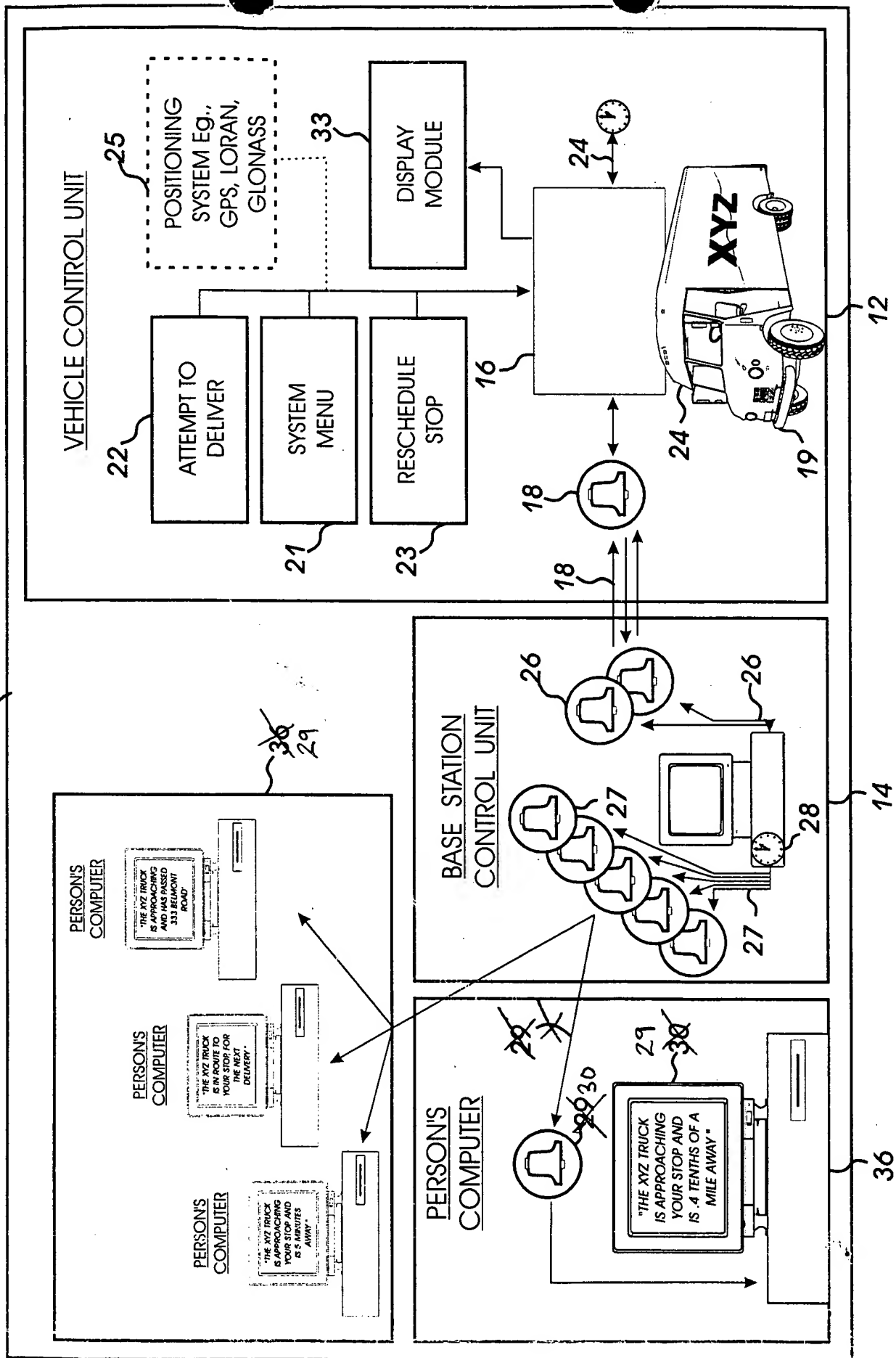


FIG 1

10

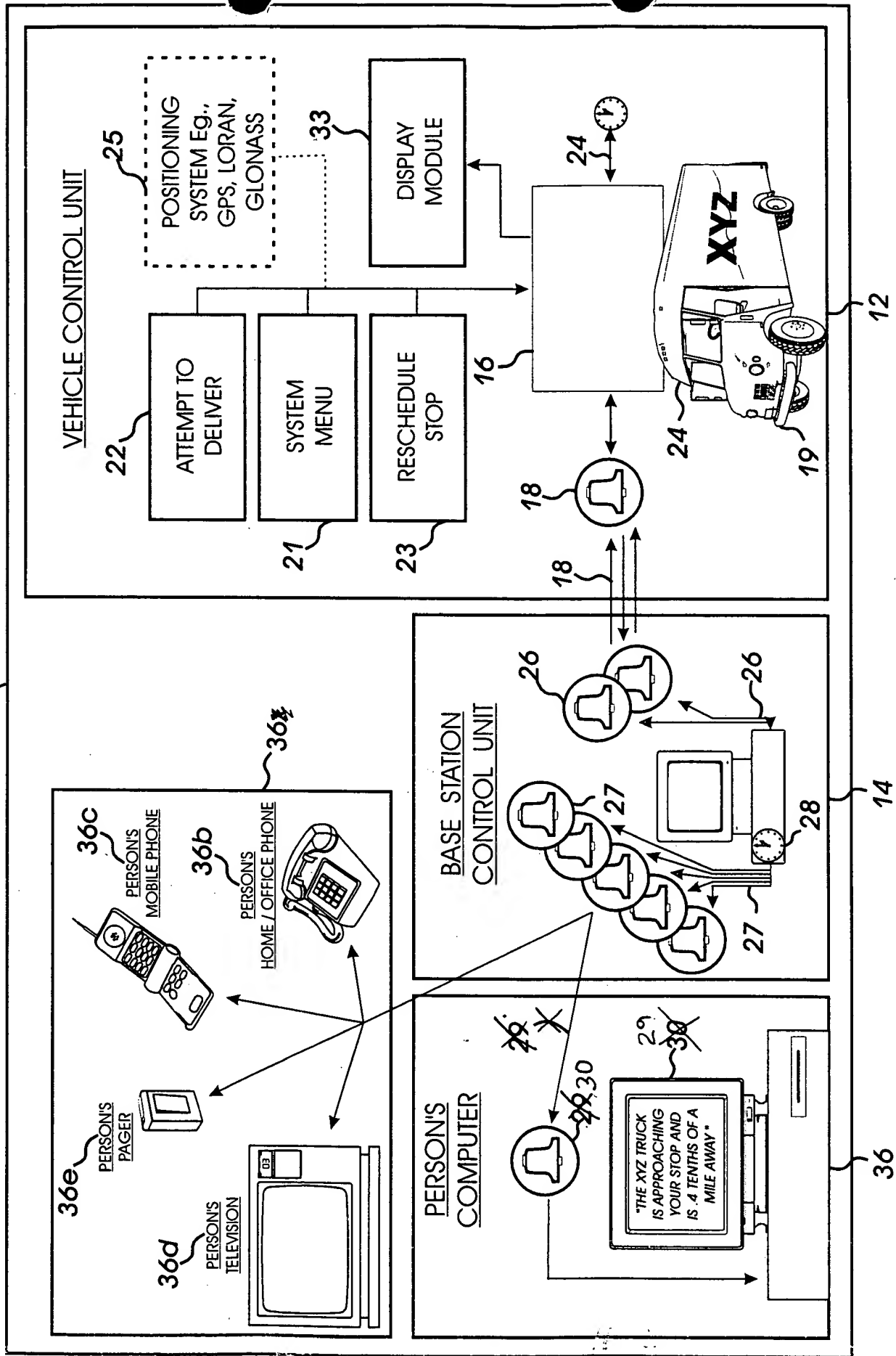


FIG 2

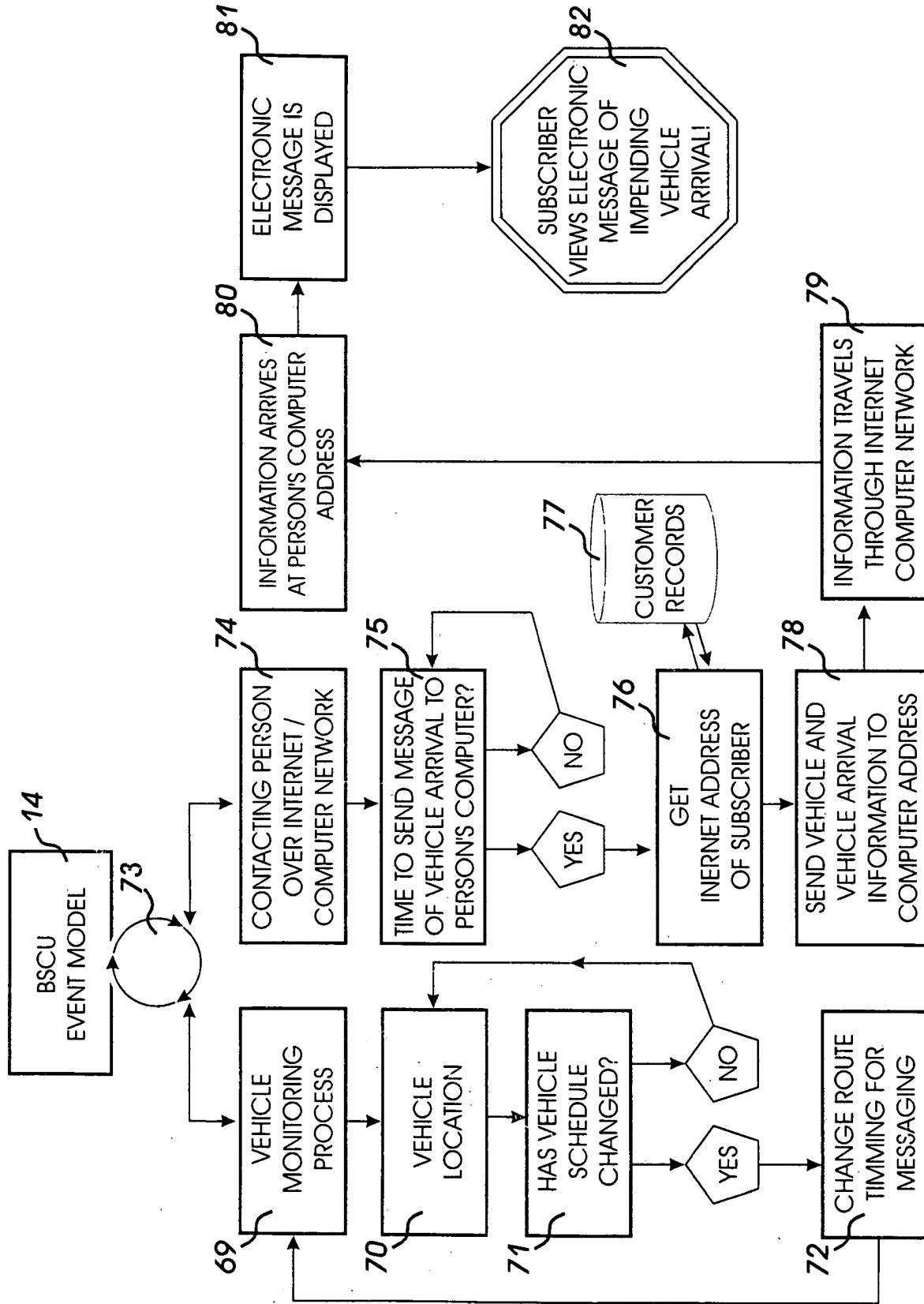


FIG 3

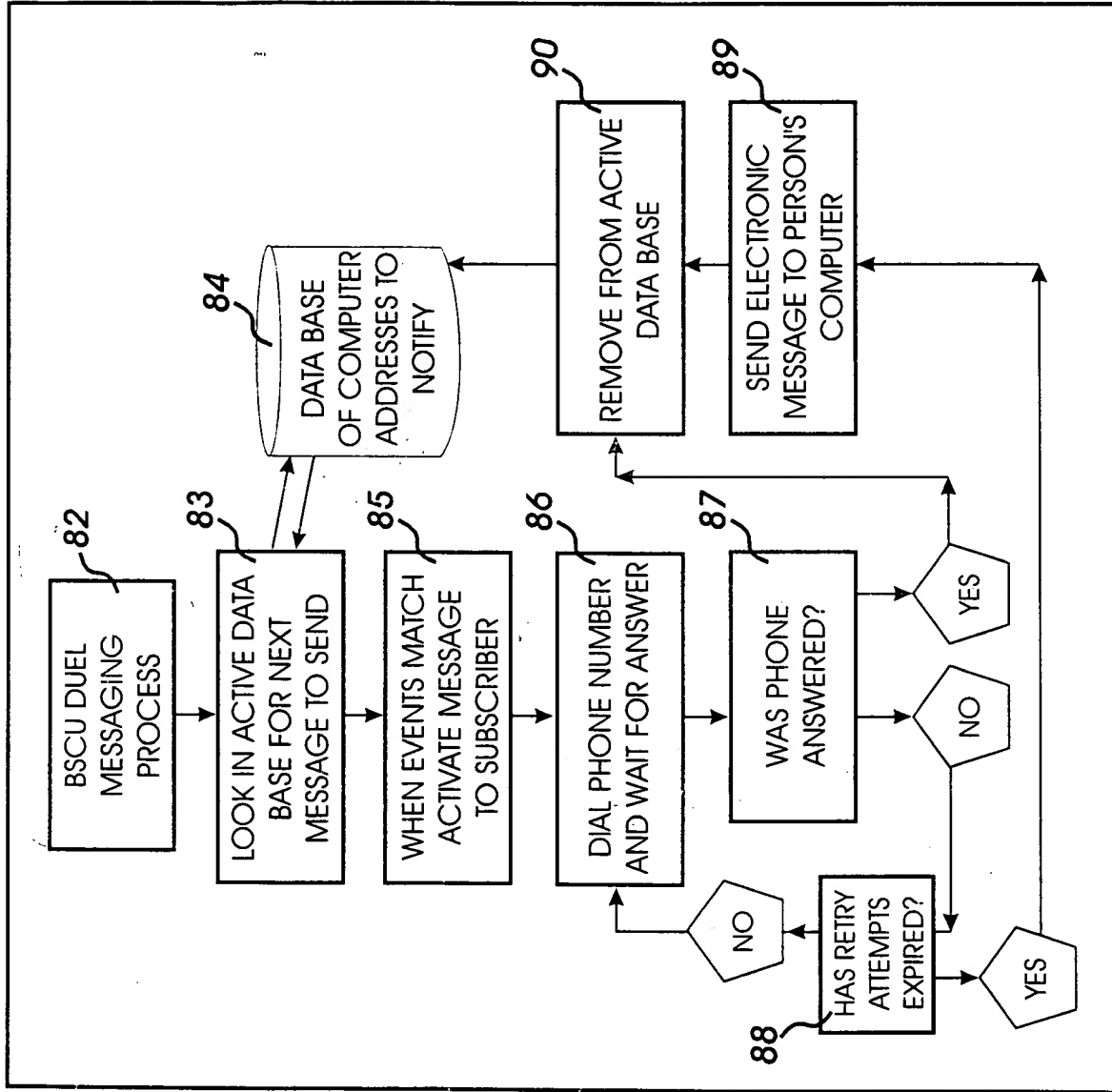
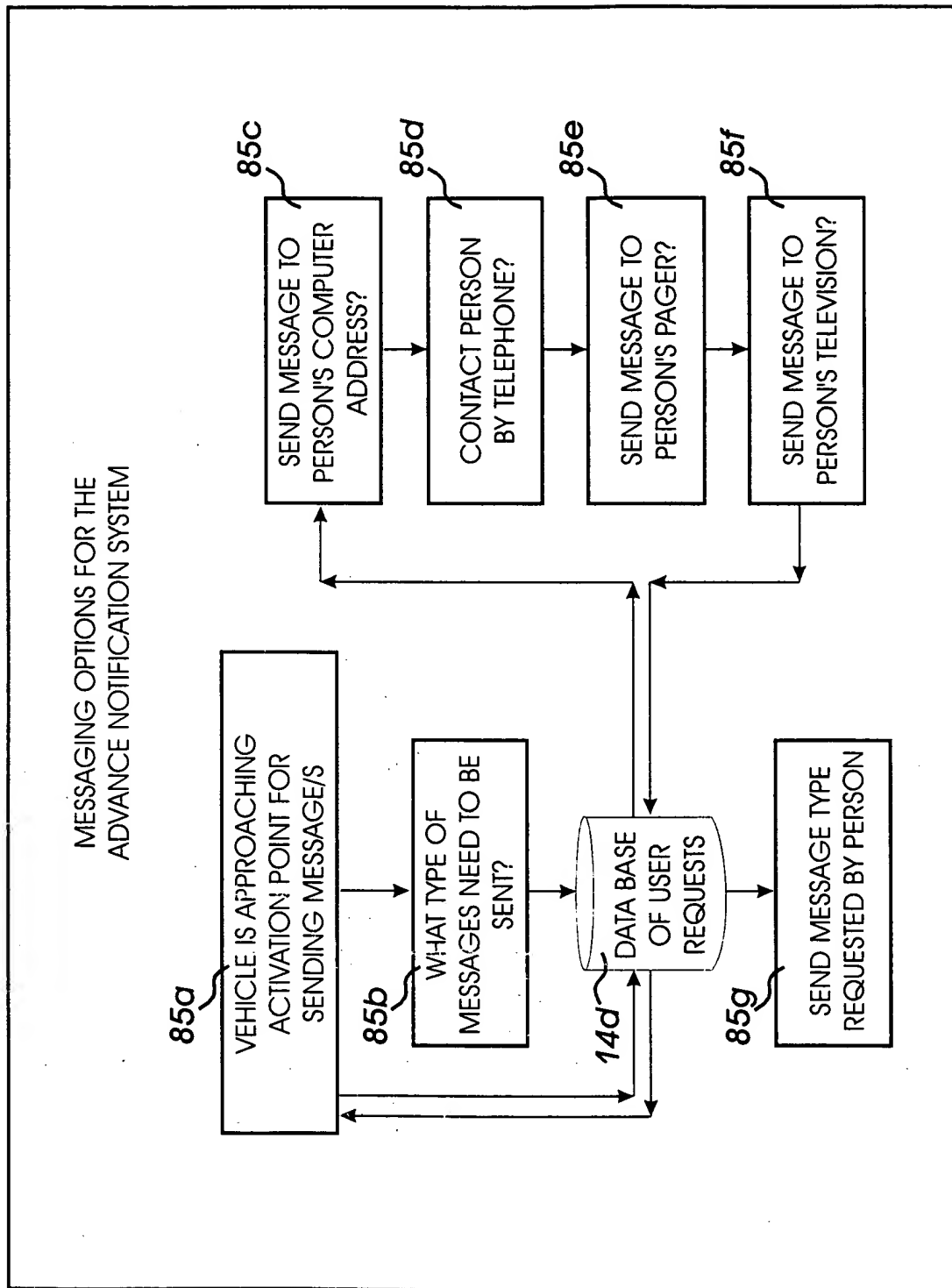
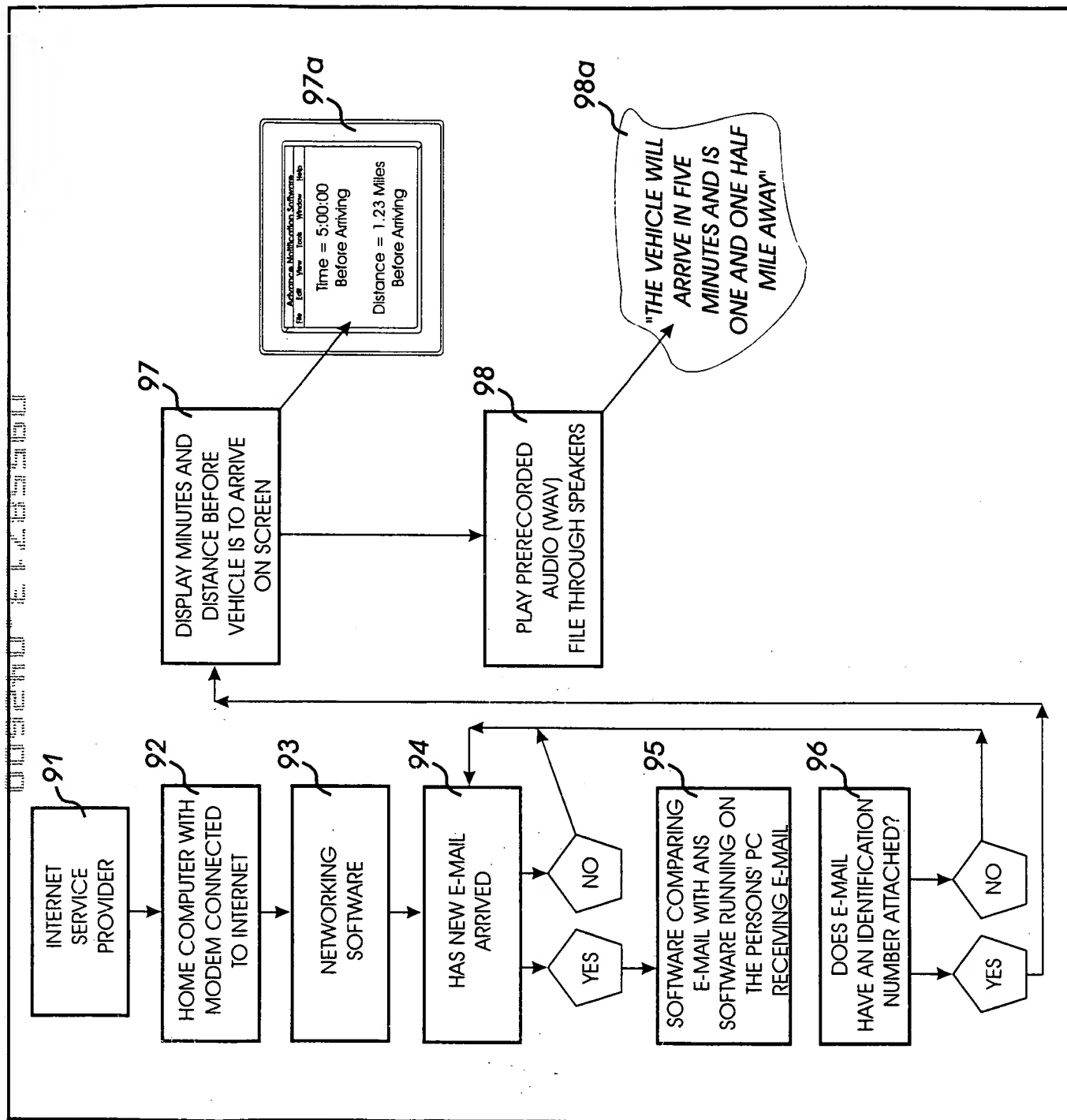


FIG 4



**FIG 5**



**FIG 6**

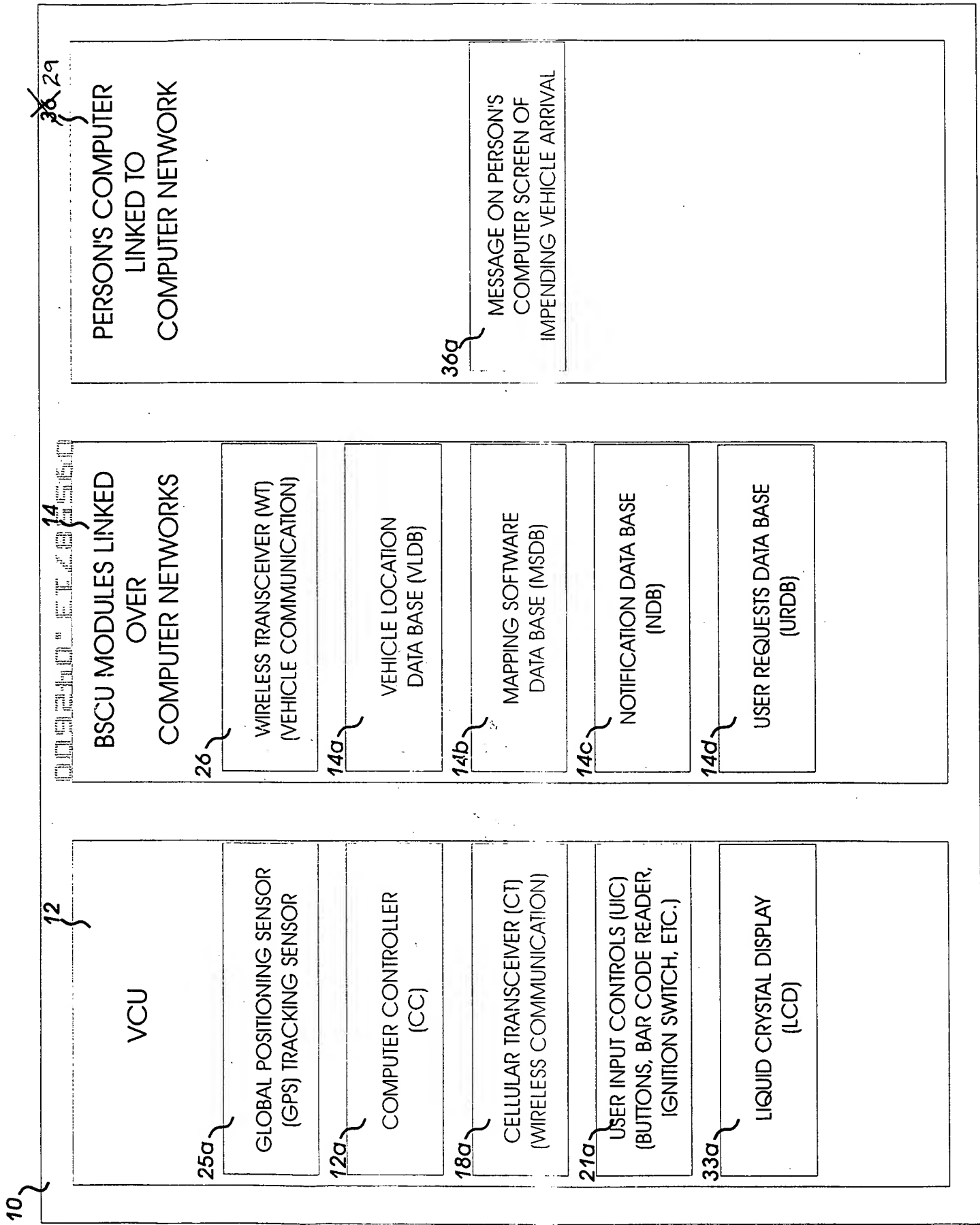
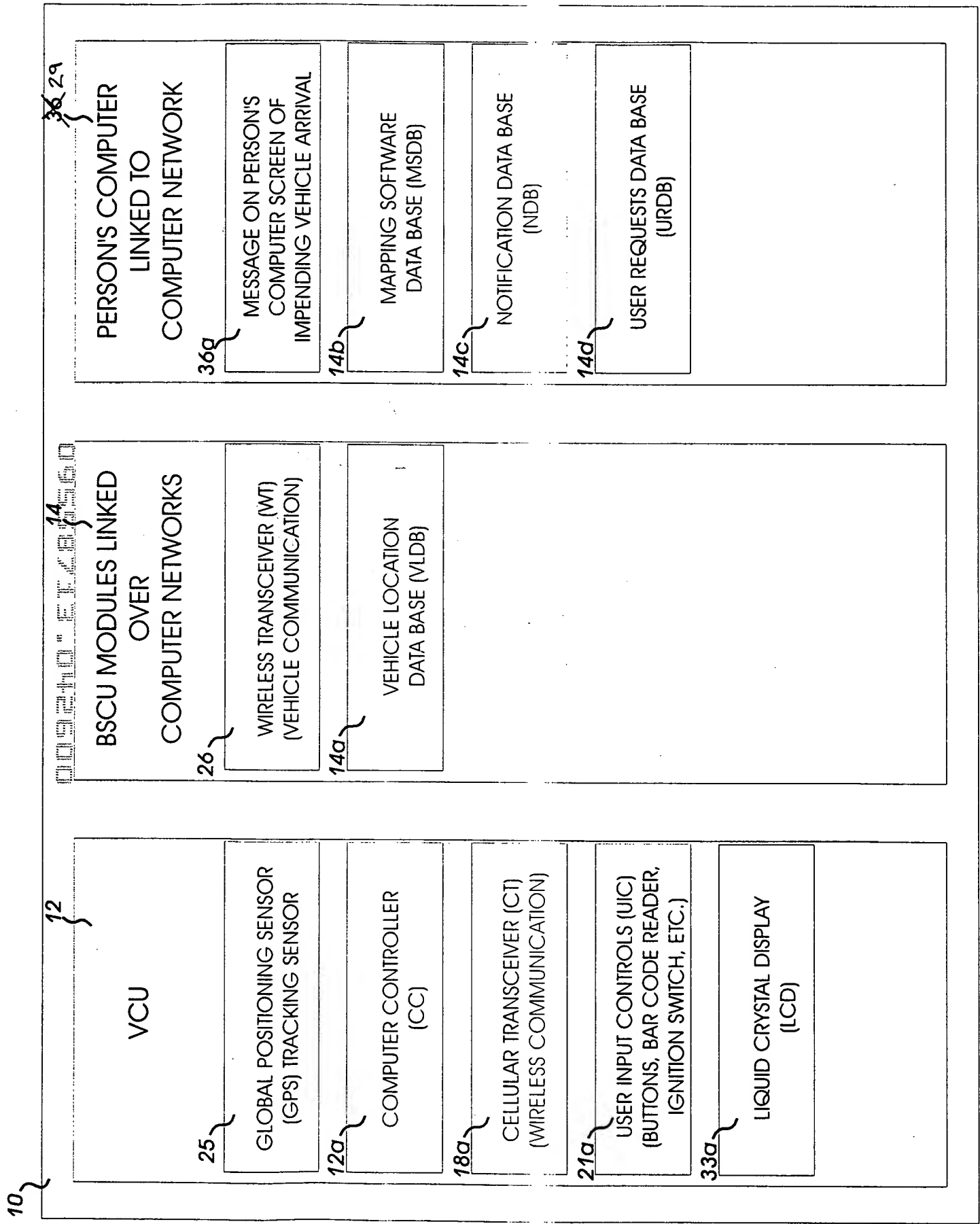
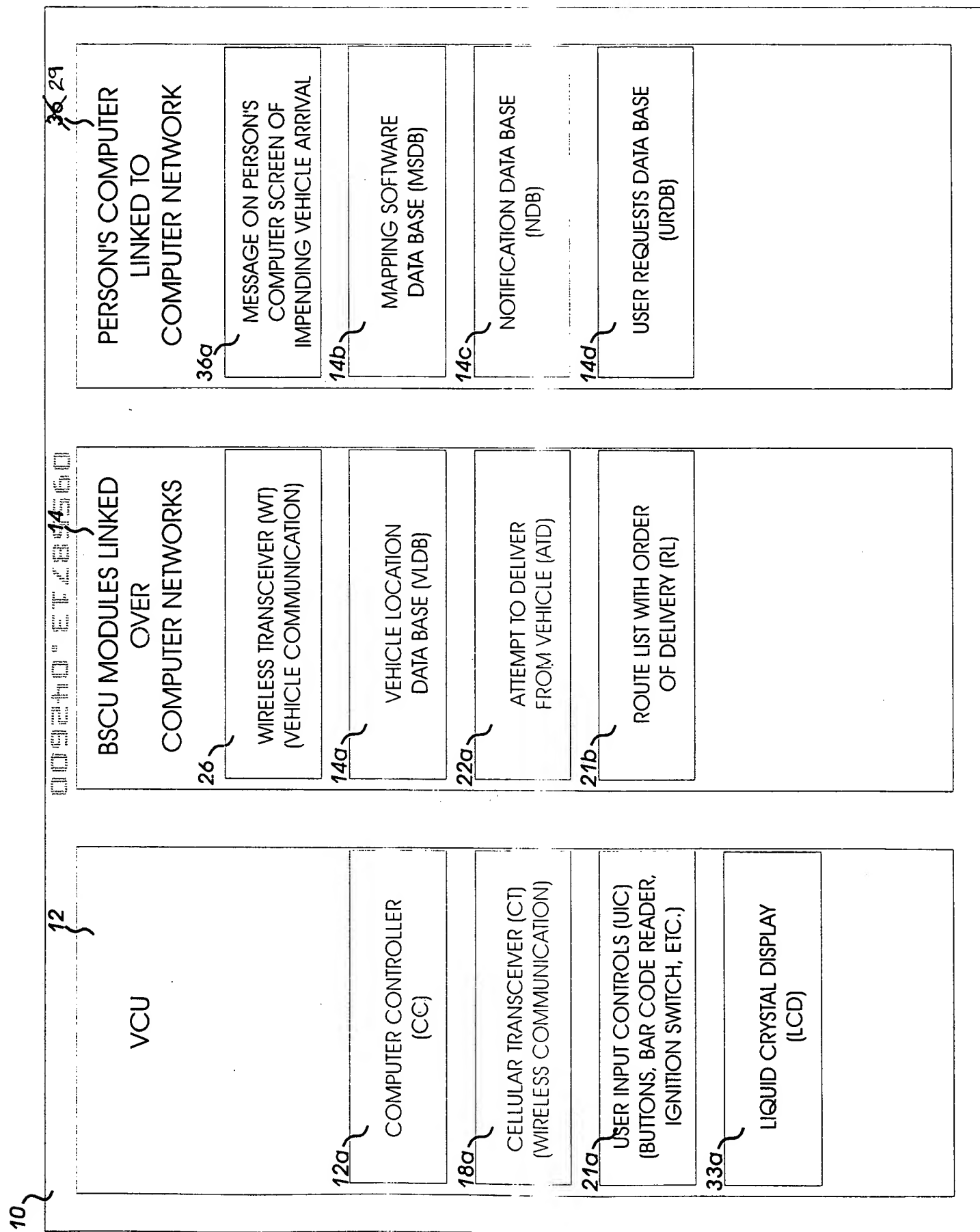


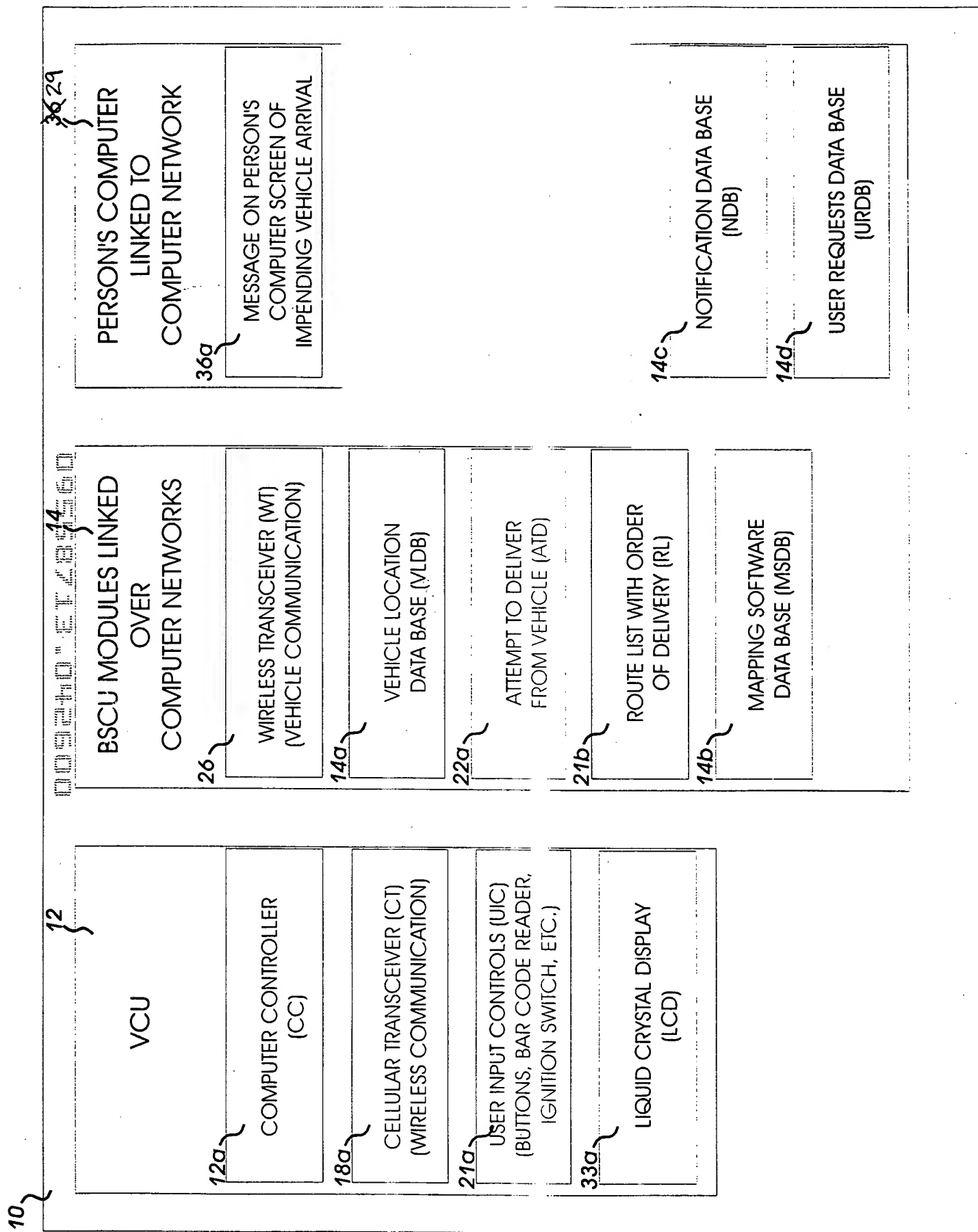
FIG 7



**FIG 8**



**FIG 9**



**FIG 10**

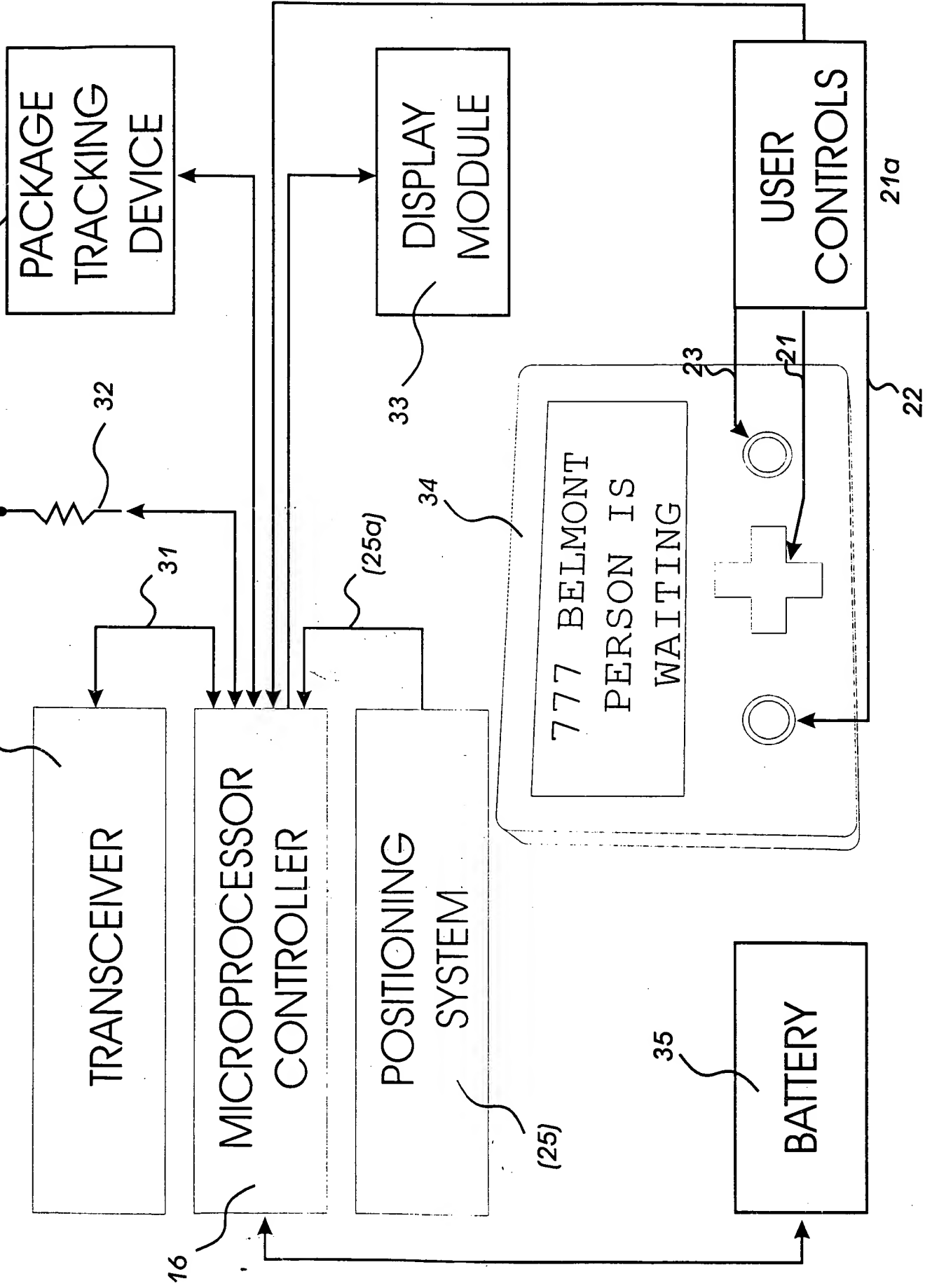
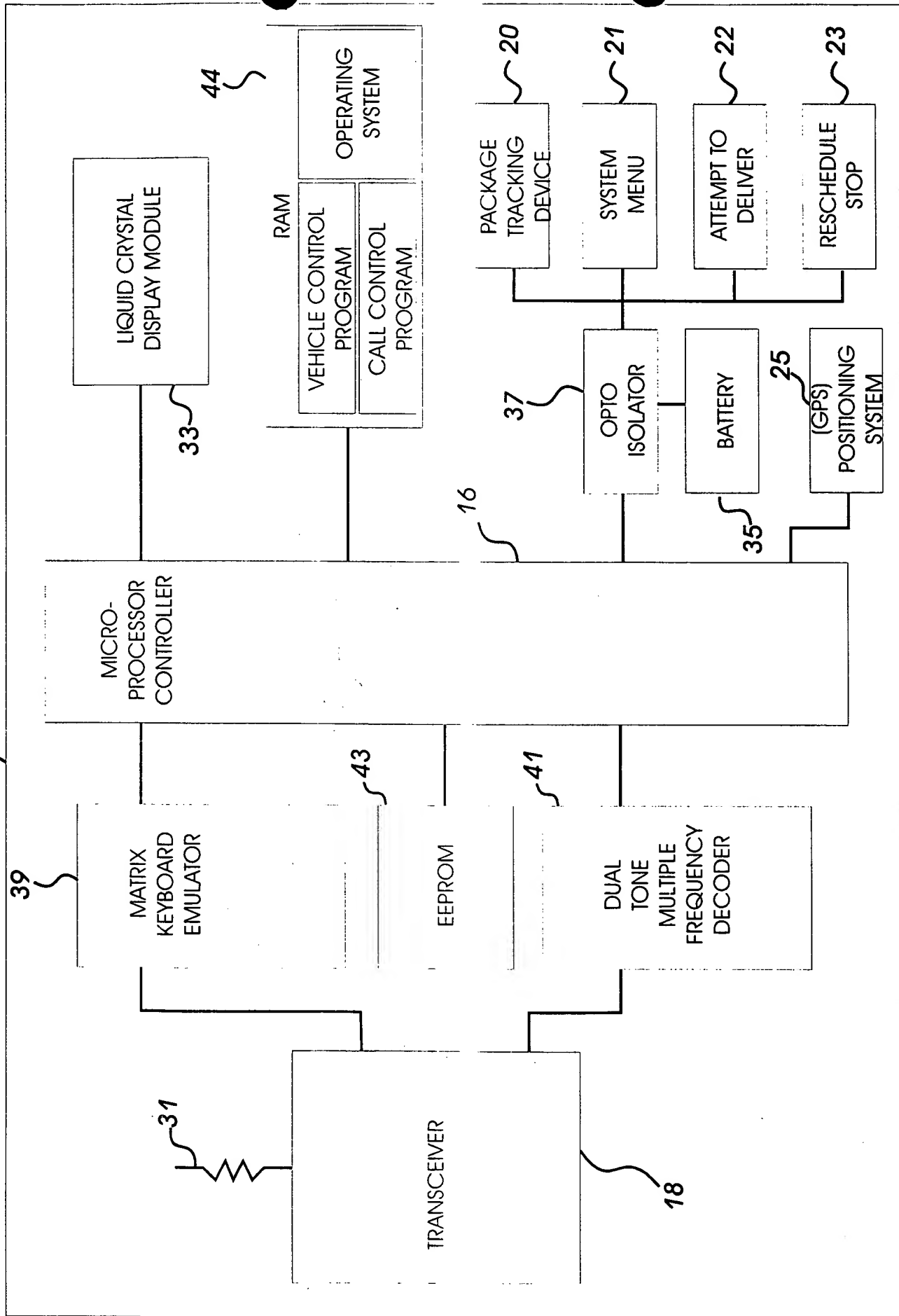


FIG 11



**FIG 12**

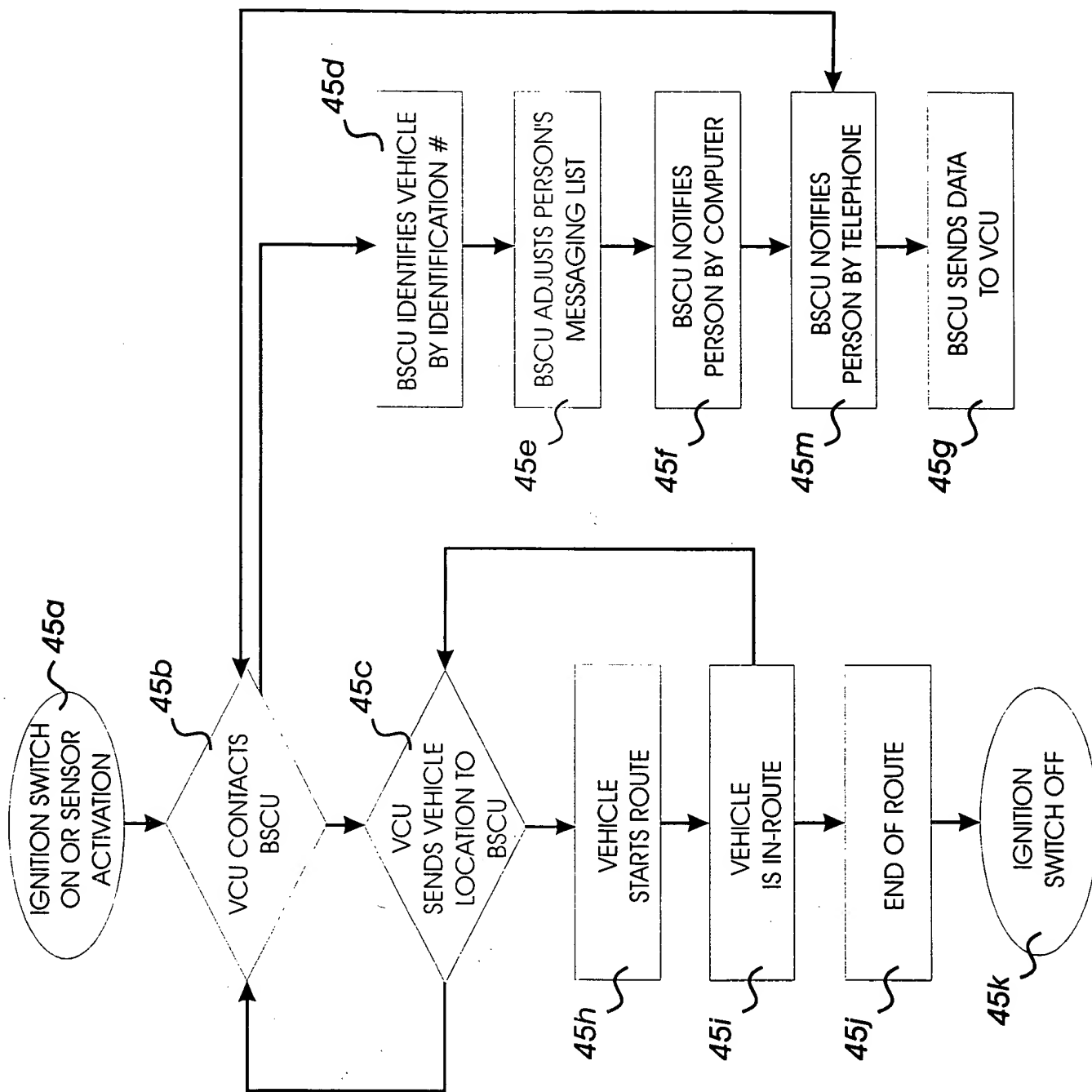


FIG 13

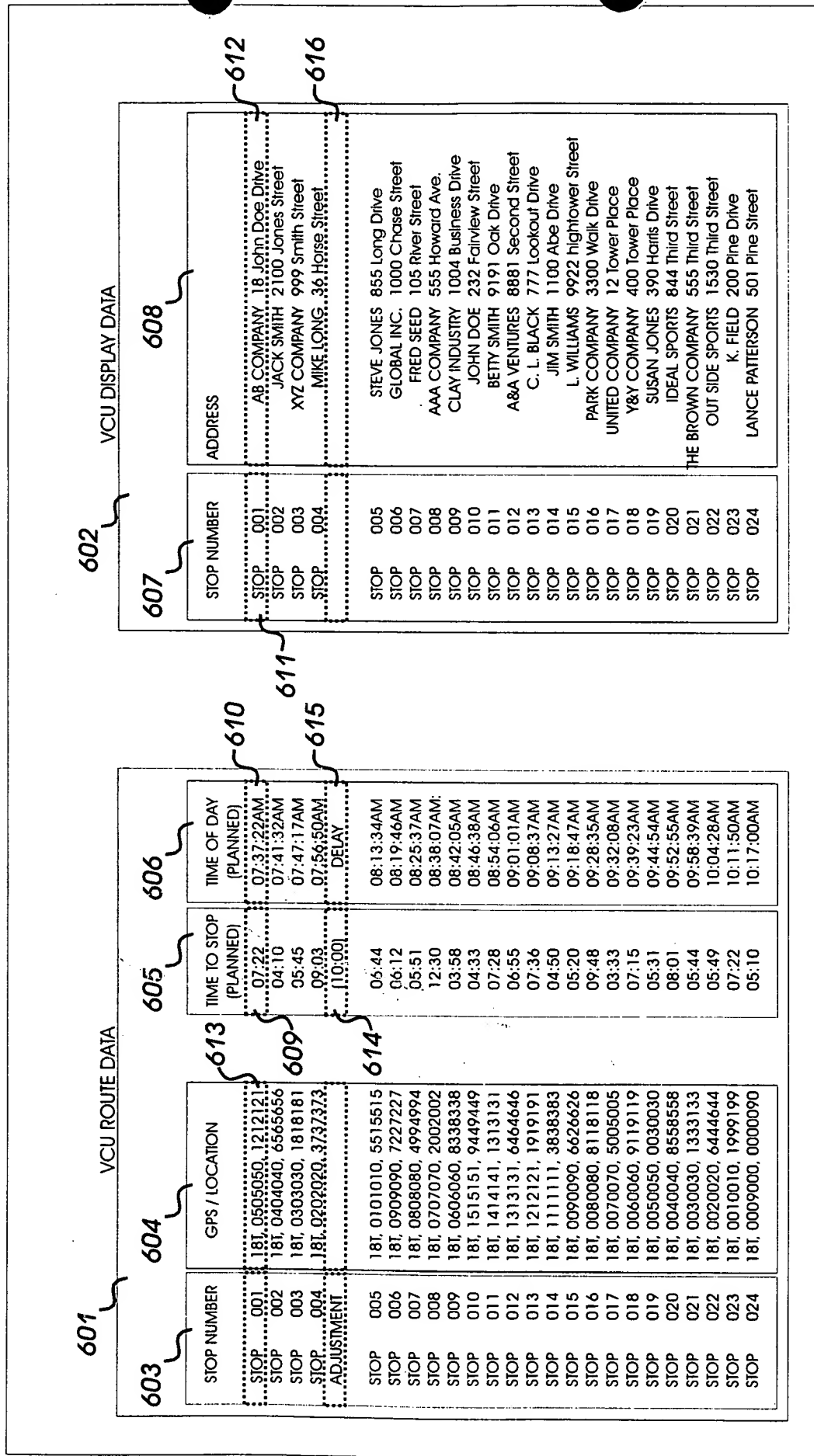
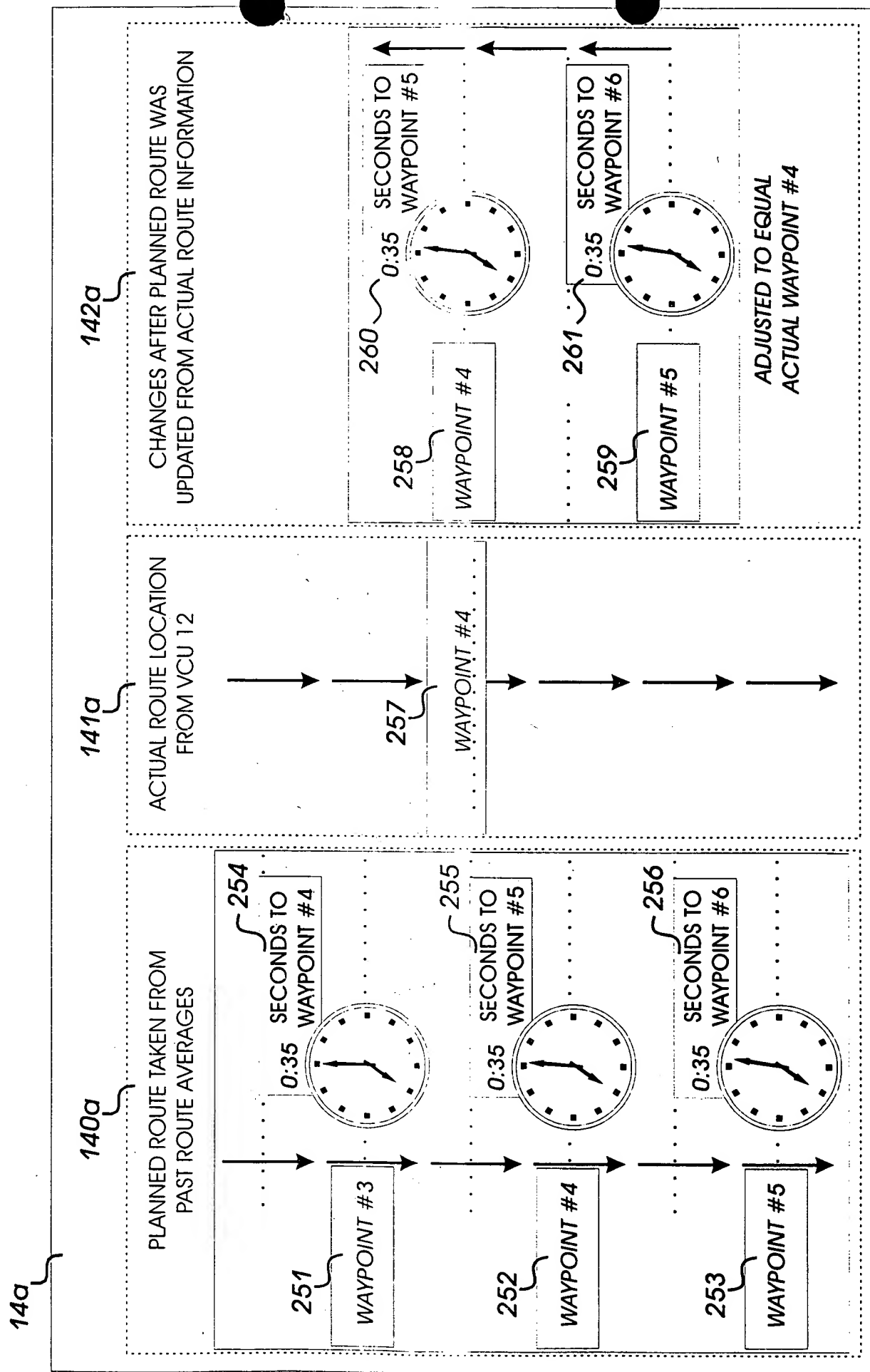
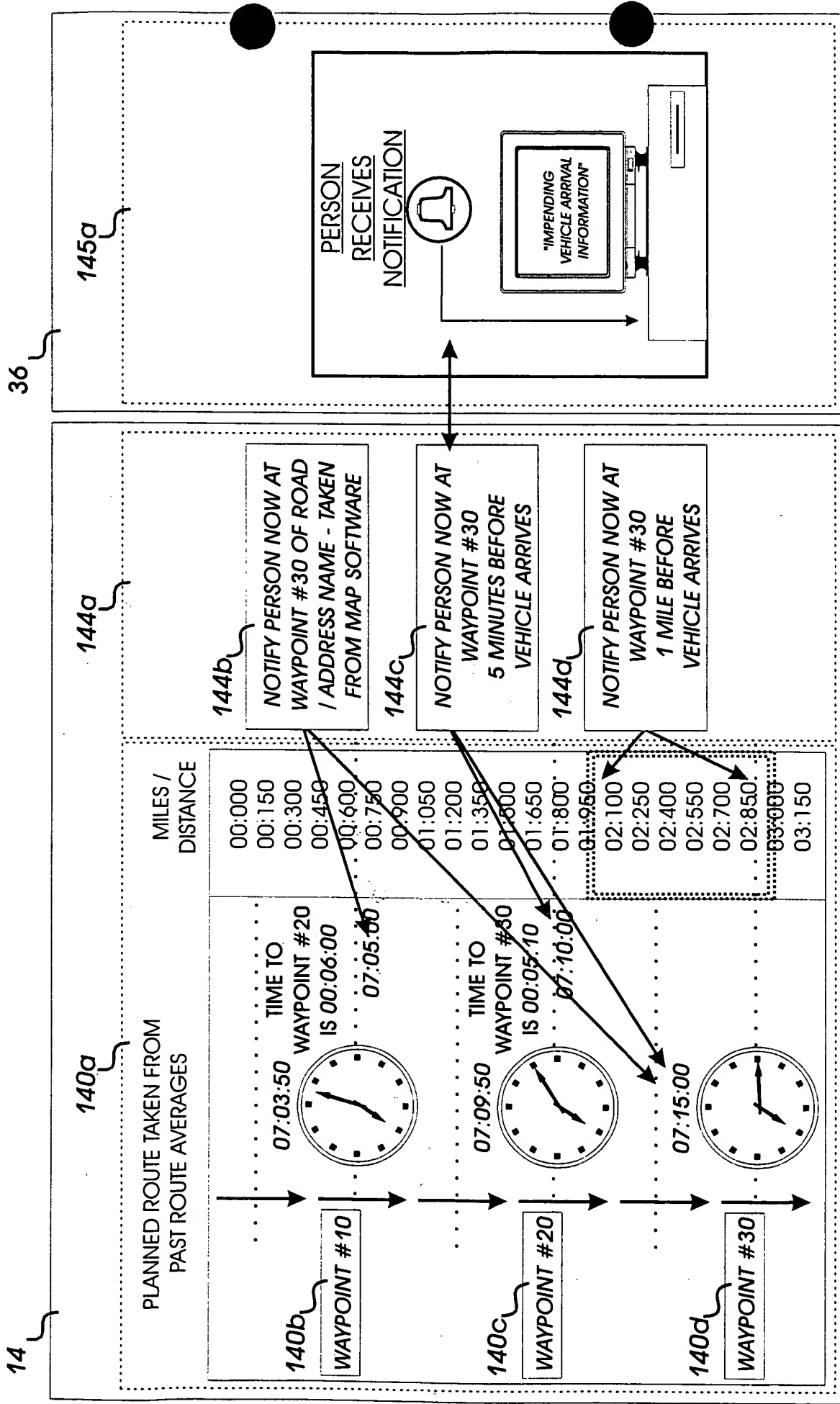


FIG 14



**FIG 15**



**FIG 16**



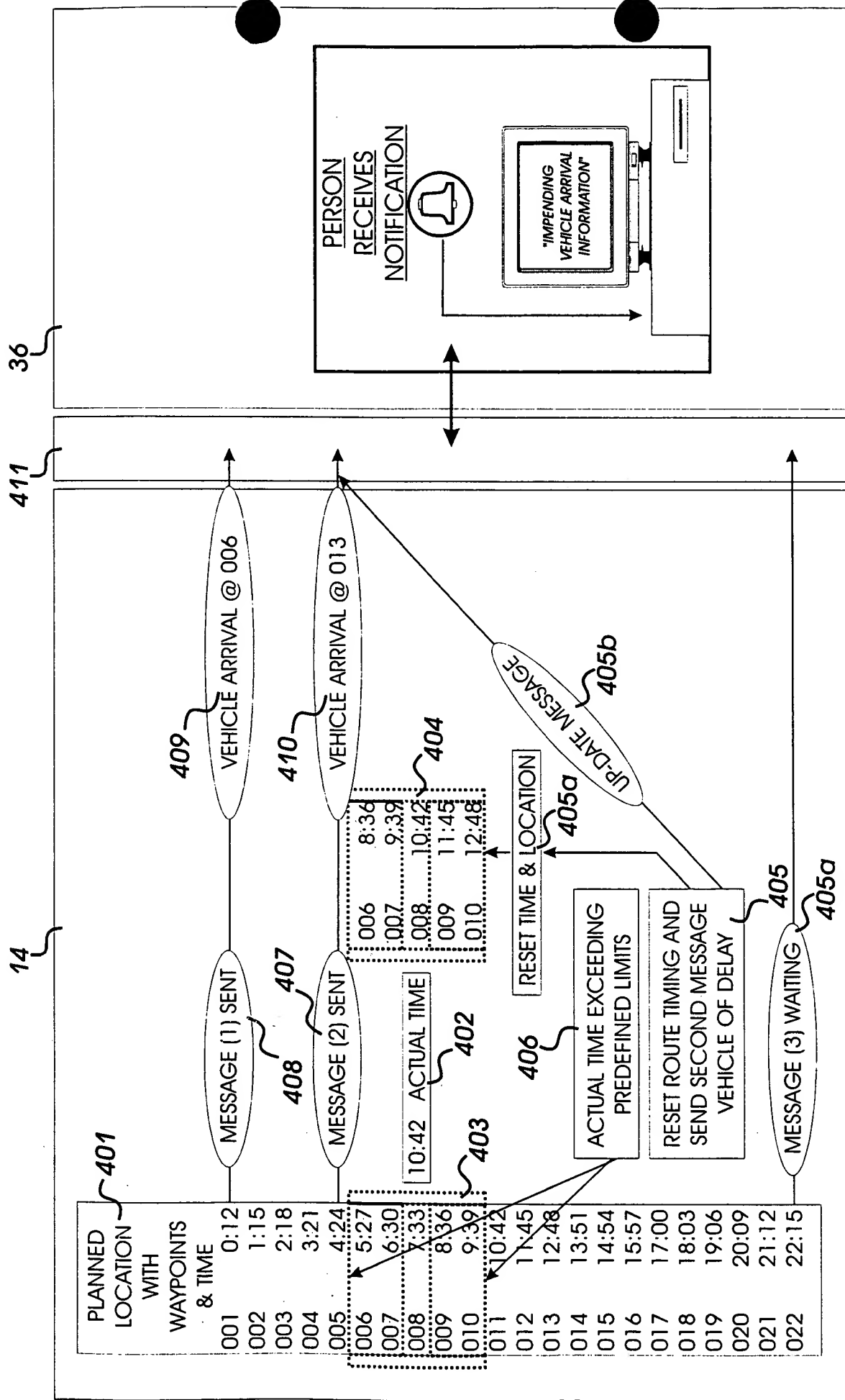


FIG 17

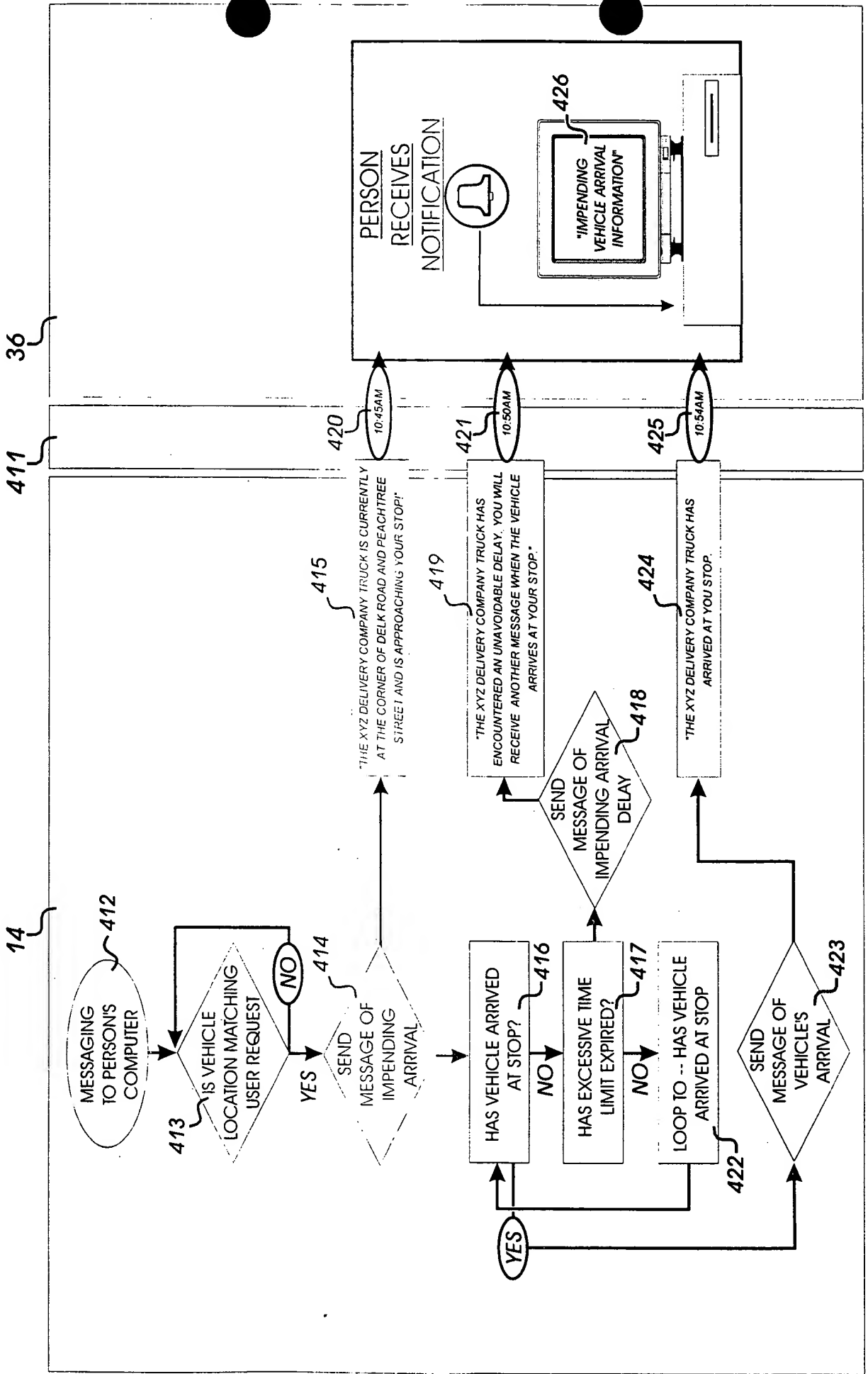


FIG 18

METHOD FOR DETERMINING  
VEHICLE LOCATION WITHOUT GPS  
FOR AN ADVANCE NOTIFICATION SYSTEM

14

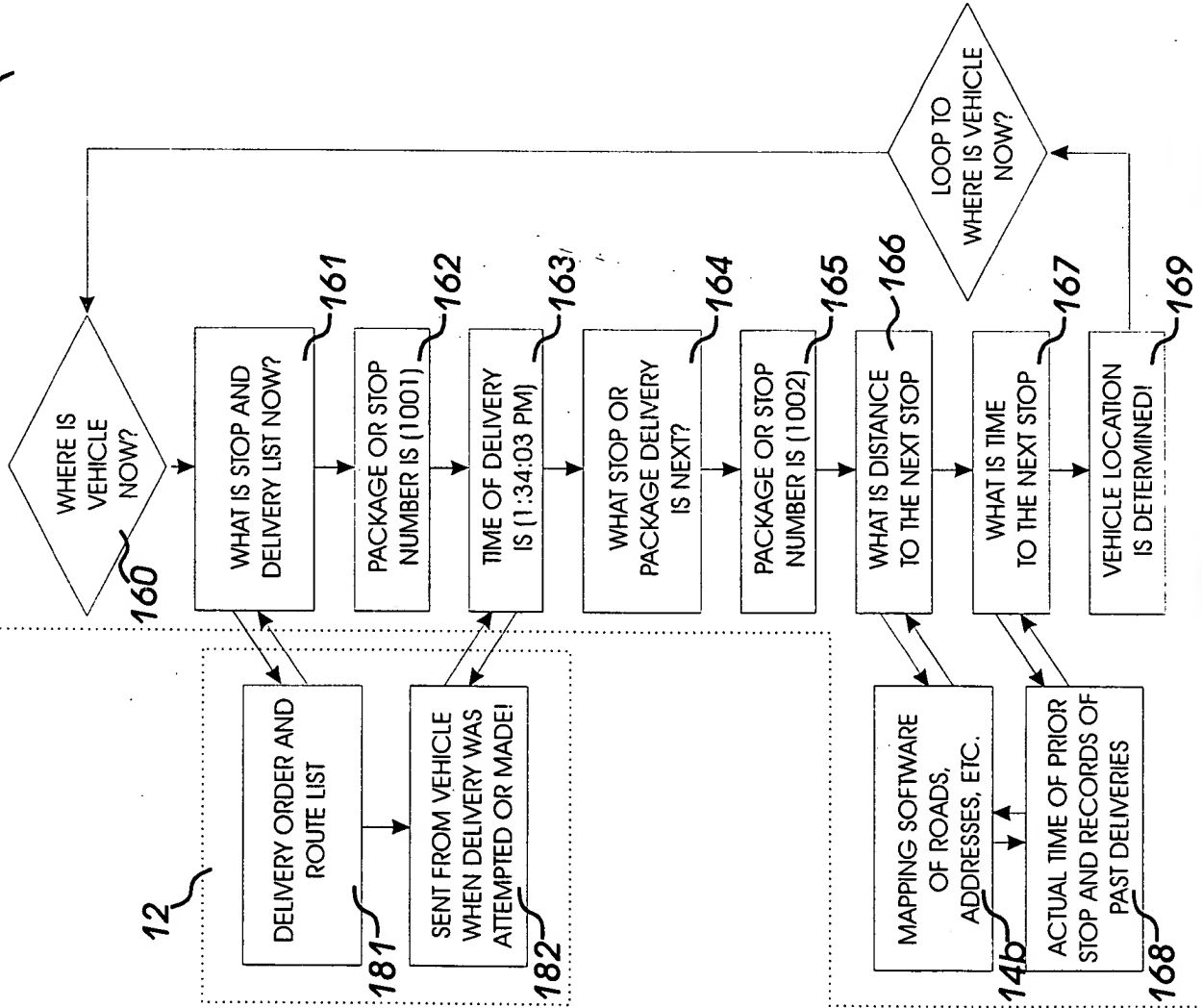


FIG 19

METHOD FOR ACTIVATING NOTIFICATION  
WHEN LAST PACKAGE WAS DELIVERED OR  
LAST STOP WAS MADE

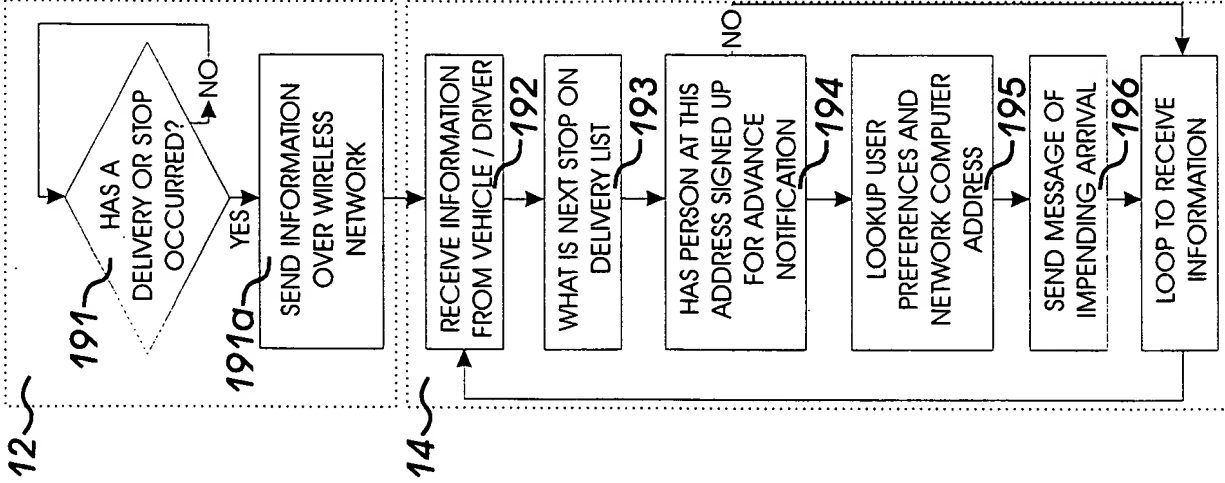


FIG 20

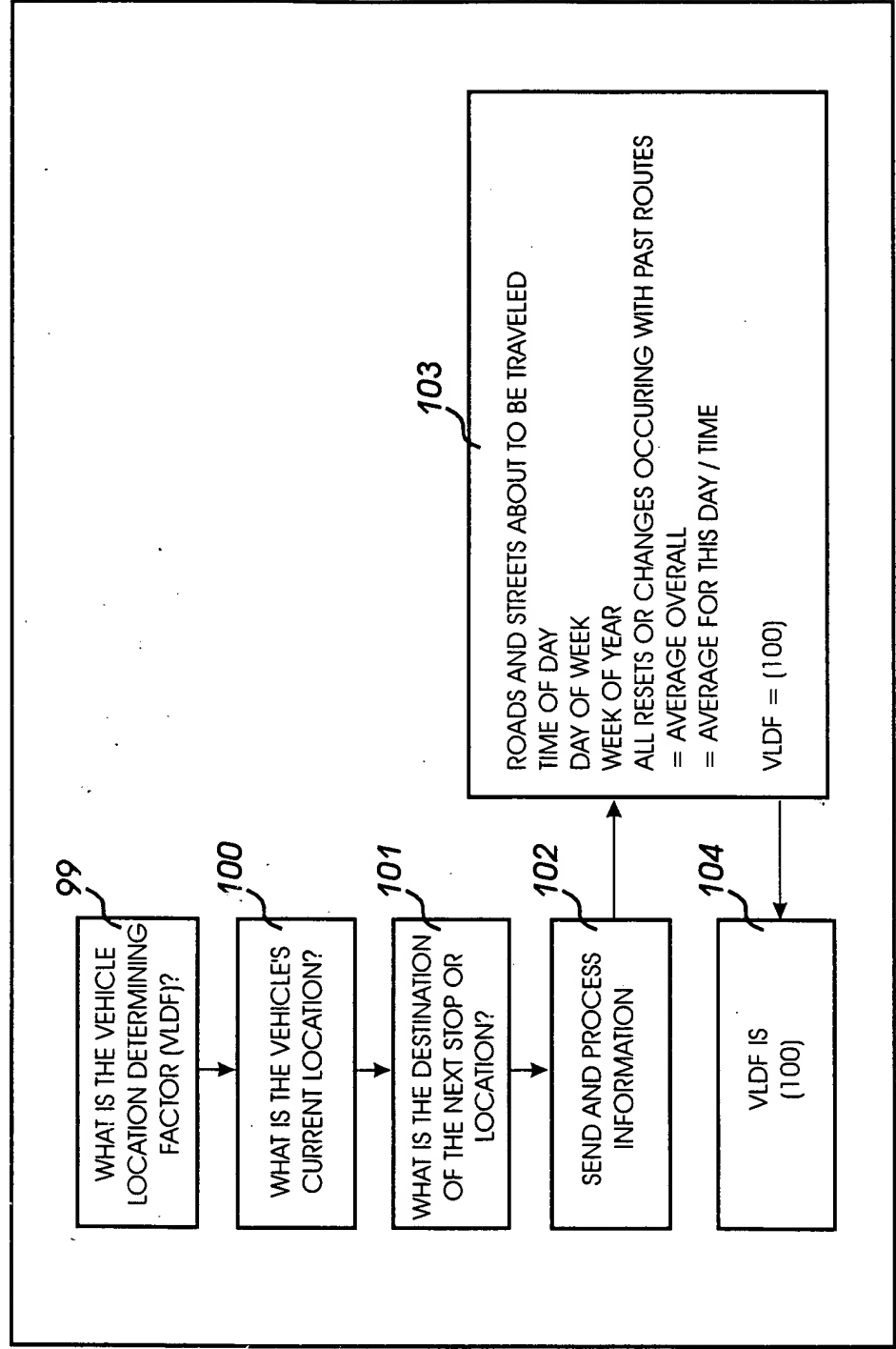


FIG 21

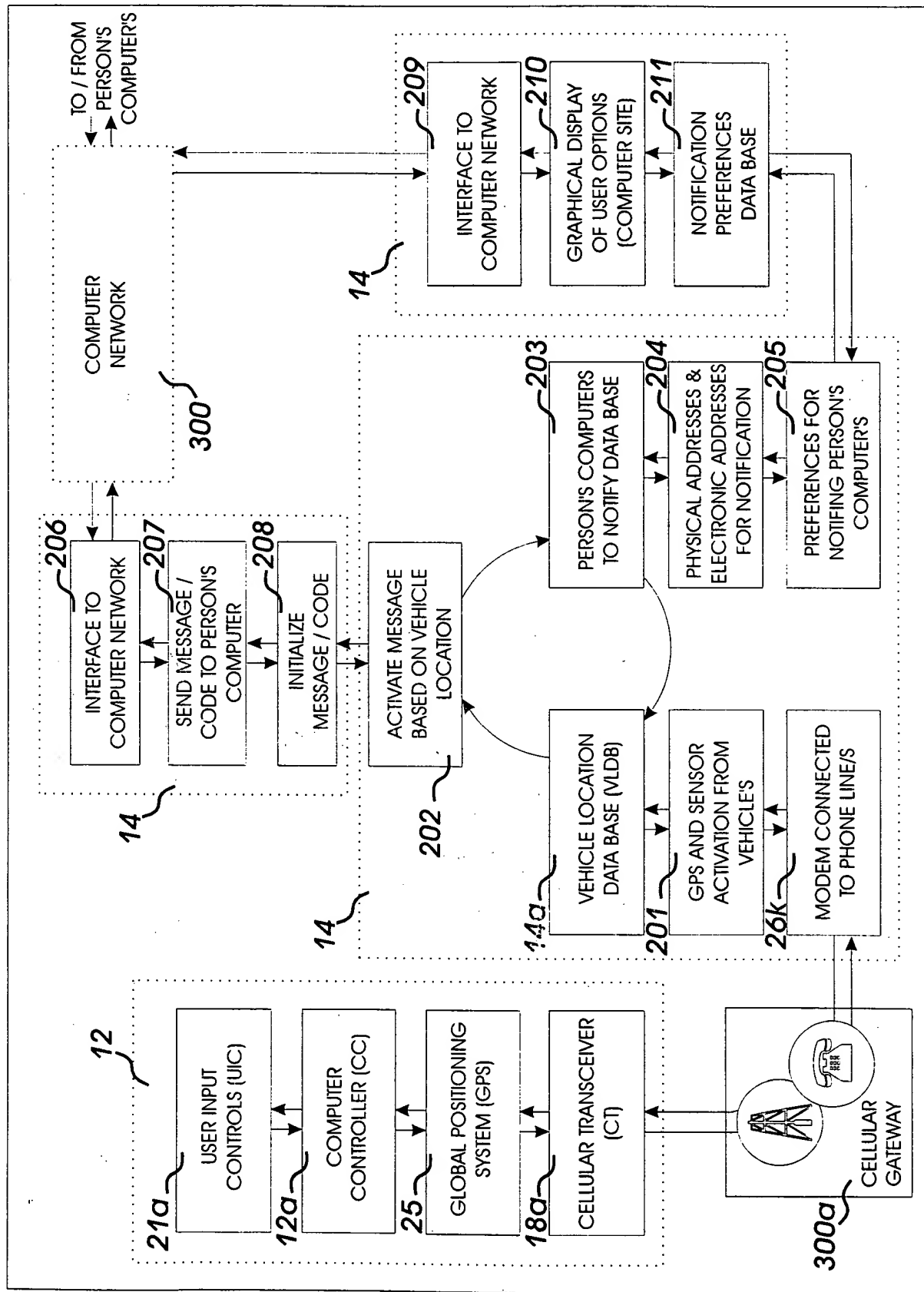


FIG 22

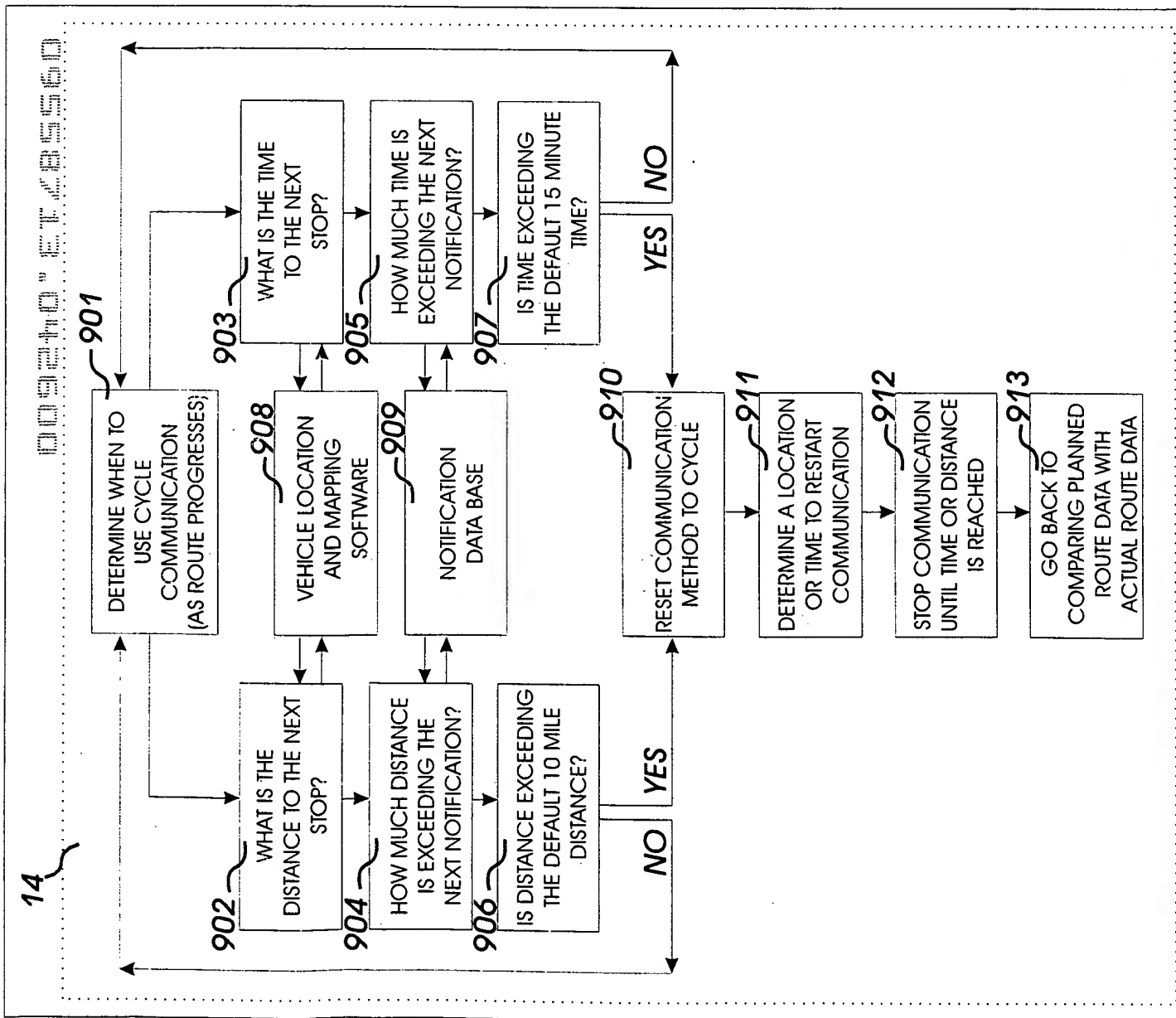


FIG 23

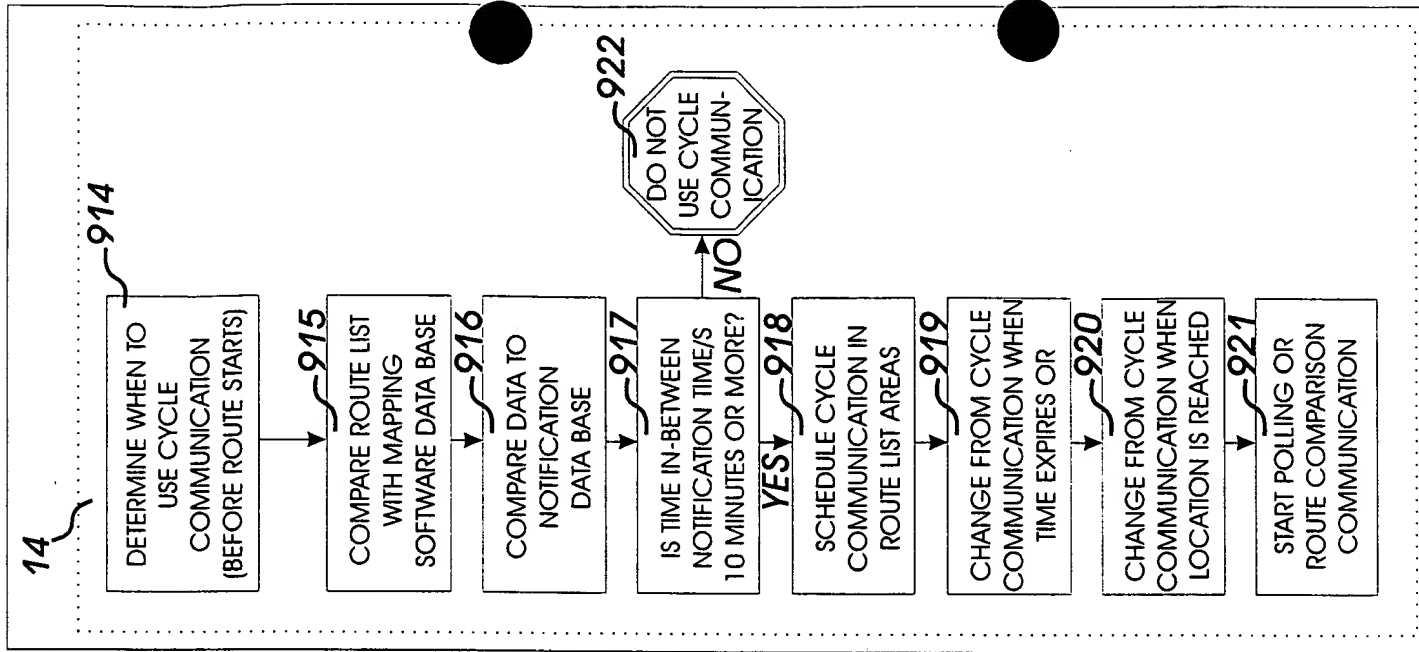


FIG 24

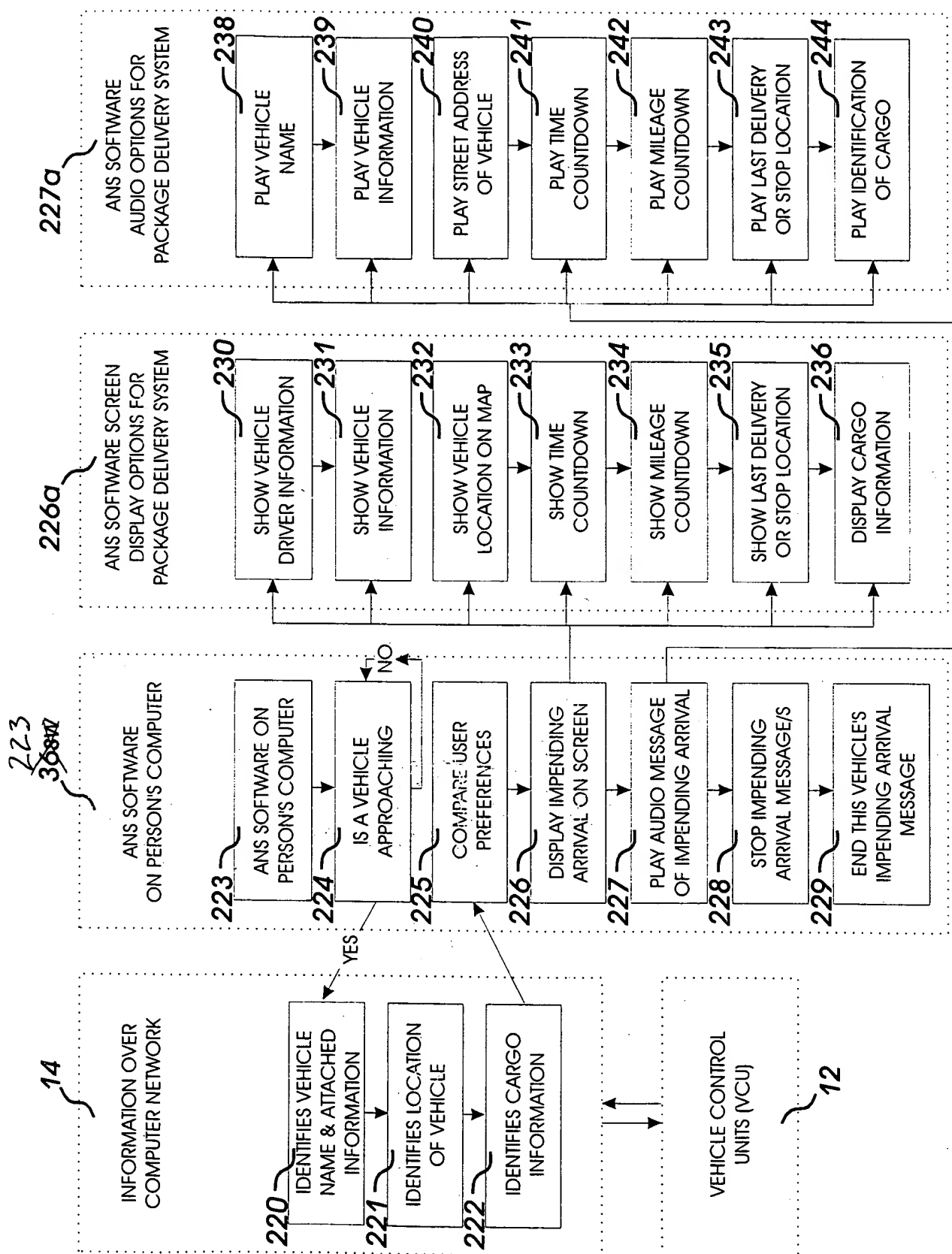
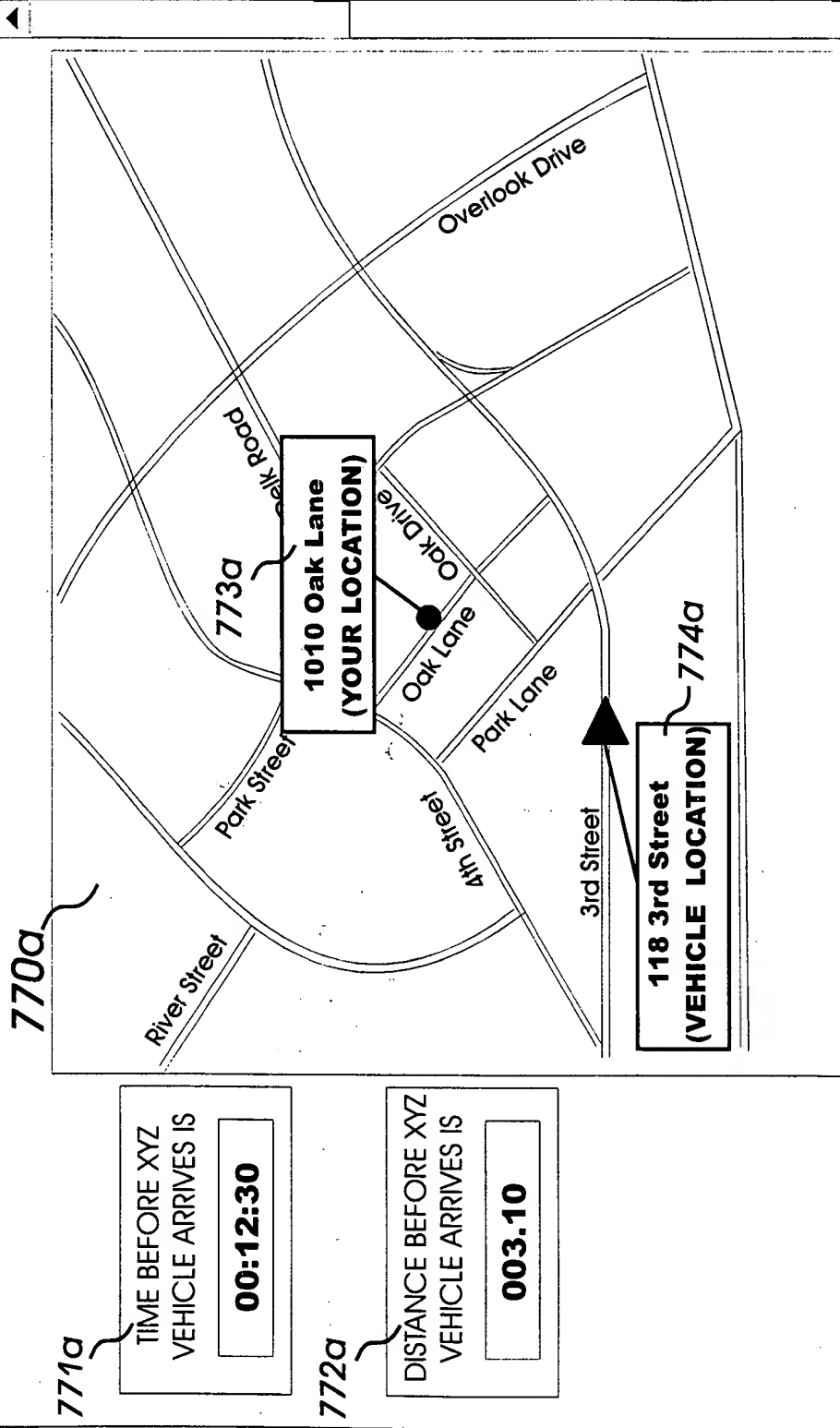


FIG 25

# Advance Notification

File Edit Go To Views Events Window Help

Please Wait For Your Local Area Map!



2:15 PM



Advance  
Notification

Start

FIG 26



METHOD FOR DETERMINING ADVANCE  
NOTIFICATION ACTIVATION AREAS

331	332	333	334	335	336	337	338
PERSON'S NAME TO BE NOTIFIED	HOME / BUSINESS ADDRESS	COMPUTER ADDRESS	TELEPHONE NUMBER	TYPE OF VEHICLE/S	NOTIFICATION BY TIME	NOTIFICATION BY DISTANCE	NOTIFICATION BY LOCATION
John Doe	1010 Oak Lane Rome, GA 55555	JDOE0001 @AOL.COM	(555) 555-5555	XYZ DELIVERY COMPANY	5:30 (min)&(sec)	-----	-----

339	340	341	342	343
HOME / BUSINESS ADDRESS	ROADS TO THIS ADDRESS	LOCATIONS MATCHING NOTIFICATION TIME	LONGITUDE LATITUDE OR (UTM)	DELAY NOTIFICATION FOR EACH STOP BETWEEN
1010 Oak Lane Rome, GA 55555	West Oak Lane Rome, GA 55556 East Oak Lane Rome, GA 55556 South Creek Road Rome, GA 55556 North Creek Road Rome, GA 55556 South Creek Road Rome, GA 55556 North Creek Road Rome, GA 55556	5555 West Oak Lane Rome, GA 55556 52 East Oak Lane Rome, GA 55556 158 South Creek Road Rome, GA 55556 4010 North Creek Road Rome, GA 55556 3000 South Creek Road Rome, GA 55556 88 North Creek Road Rome, GA 55556	55T 5555590 5555590 55T 5555588 5555588 55T 5555510 5555510 55T 5555520 5555520 55T 5555540 5555540 55T 5555530 5555530	55 Seconds 55 Seconds 55 Seconds 55 Seconds 55 Seconds 55 Seconds

TAKEN FROM THE  
REQUEST DATA BASE  
(URDB)

TAKEN FROM THE  
MAPPING SOFTWARE  
DATA BASE (MSDB)

TAKEN FROM THE  
VEHICLE LOCATION  
DATA BASE (VLDB)

14d

14b

14a

FIG 27

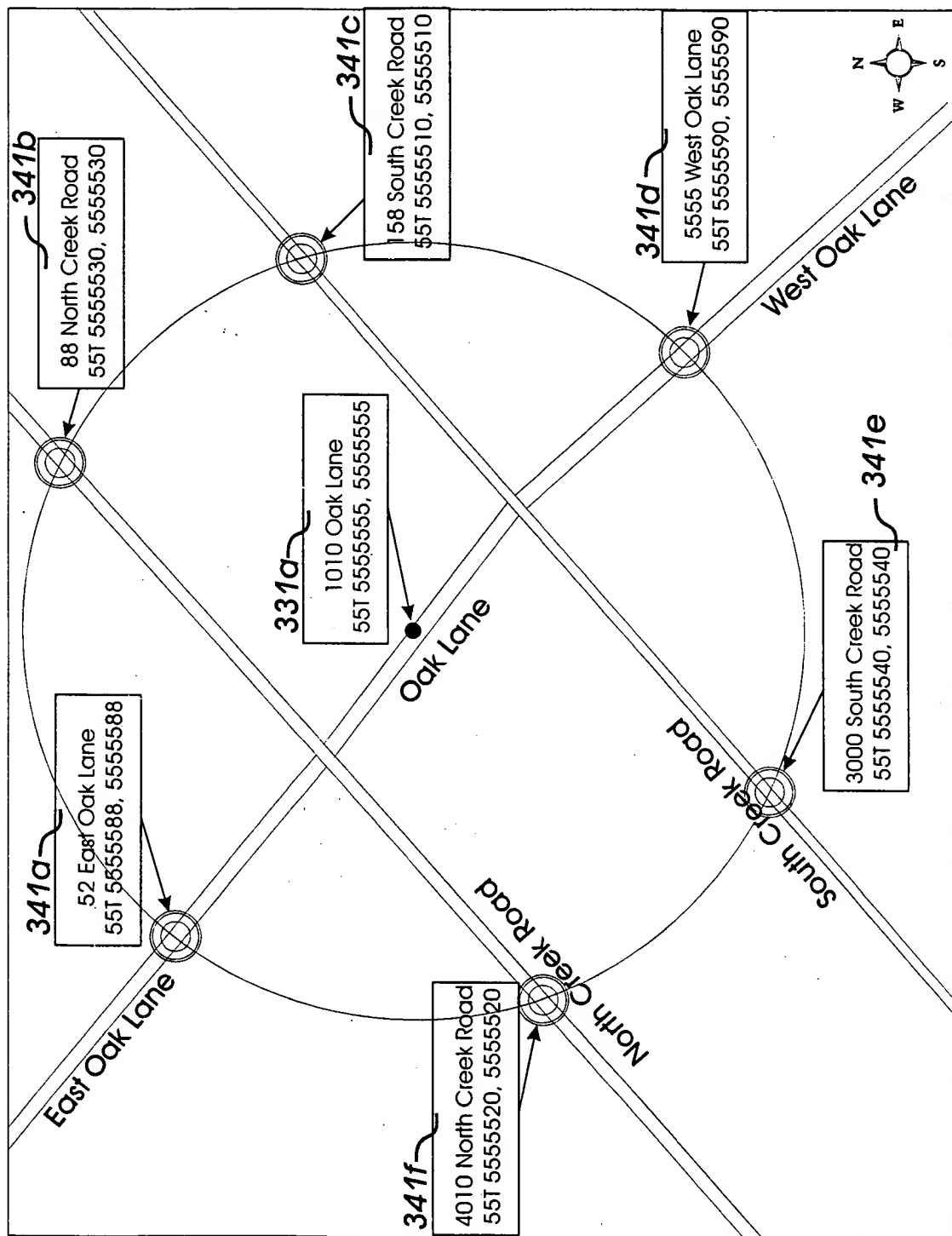


FIG 28

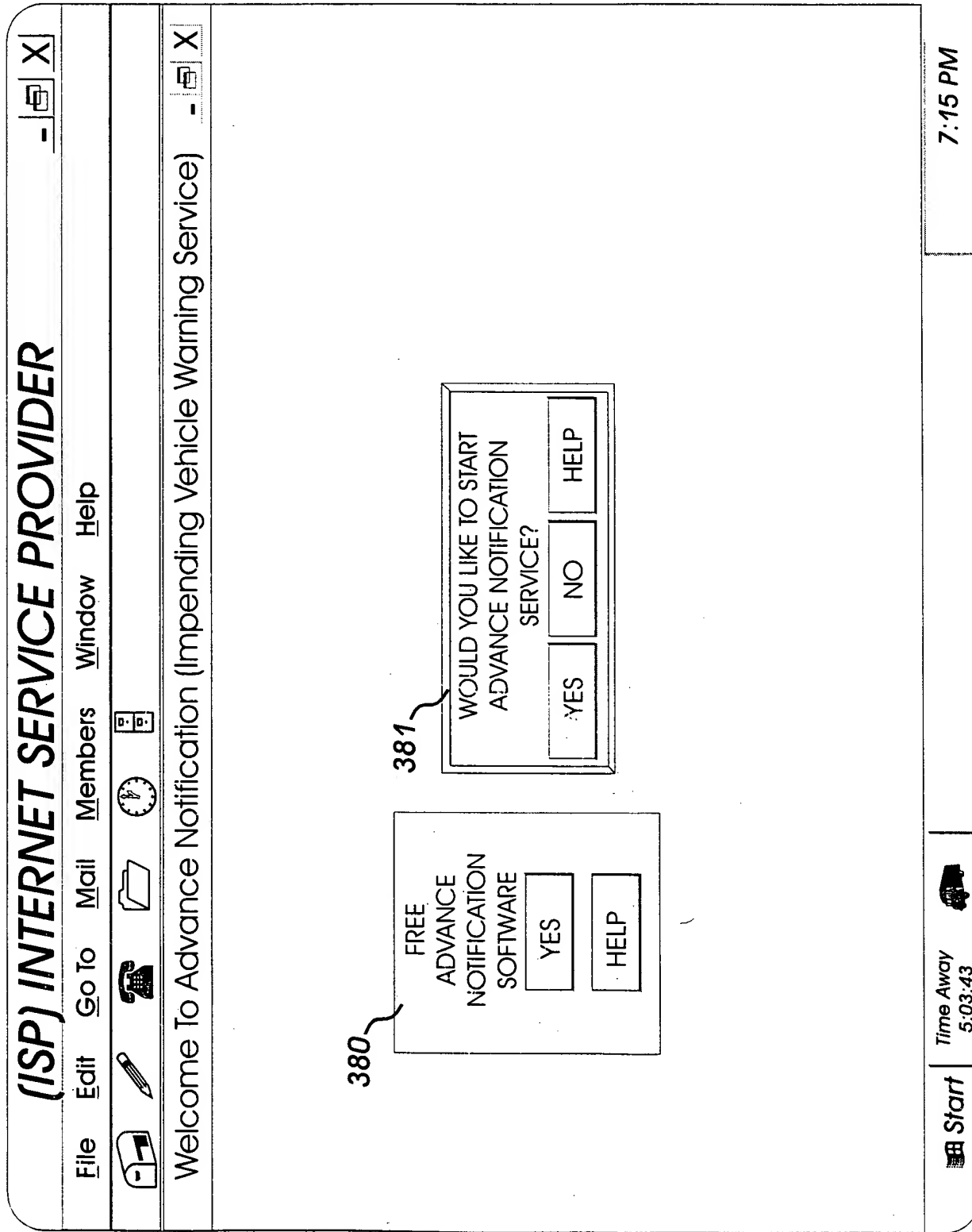


FIG 29

Advance Notification

File

Edit

Go To

Views

Events

Window

Help

-

X

-

X

382

Thank You For Subscribing!

Notice - You May ONLY Subscribe From The Computer Address You Are Using Now!

383

First, Enter Your Telephone Number

( ) ( - )

Area Code

Phone #

384

Second, Enter Your Full Address

Street Address

City

State

Zip

All information is confidential and will not be shared!

Start

Advance Notification

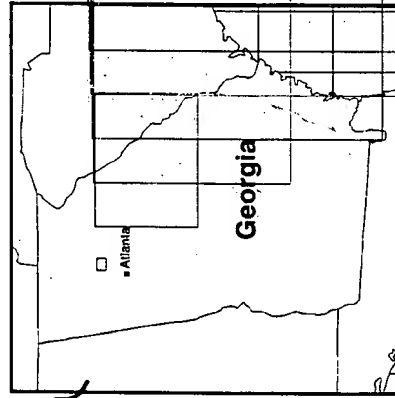
2:15 PM

FIG 30

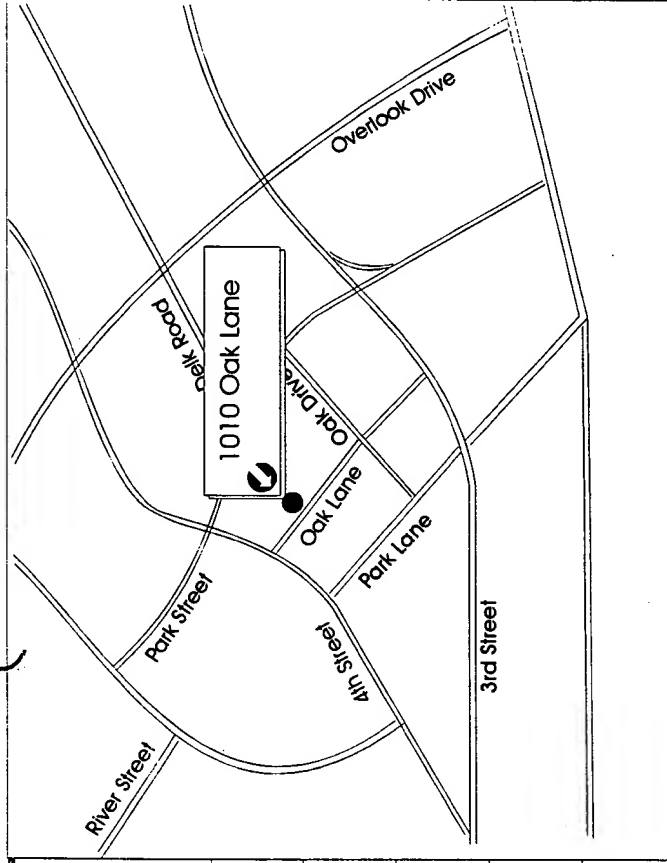
# Advance Notification

File Edit Go To Views Events Window Help

Please Wait For Your Local Area Map!



385a

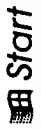


385b

386

IS THIS ADDRESS AND  
LOCATION  
YOUR HOME OR BUSINESS?

All information is confidential and will not be shared!



Advance  
Notification



2:15 PM

FIG 31

**Advance Notification**

File Edit Go To Views Events Window Help

Please Enter The Vehicles From Which  
You Would Like To Receive An Impending  
Arrival Message!

☒ The Same For All Vehicles?  
The option offers you the same advance  
warning on all vehicles

☐ The Same For Vehicles In  
Each Category?  
This option offers you areas for the same  
advance warning! Example, ground transportation  
(buses, taxis etc.) is an area.

☐ Select Each Vehicle And  
Set Preferences?  
This option offers you a listing of available  
vehicles / companies which offer advance  
notification / warning!

Start Advance Notification

2:15 PM

**FIG 32**

## 392 ~ When Would You Like To Be Notified?

# Time Before Arriving?



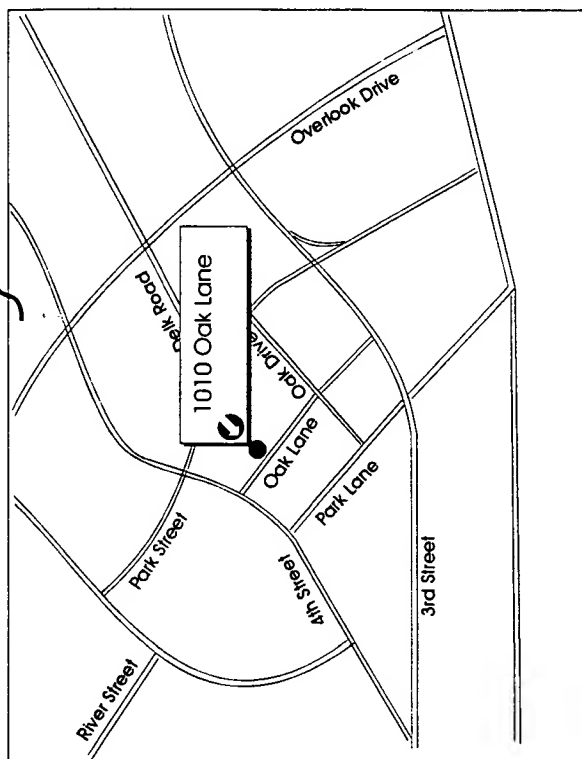
**Time before arrival allows you to enter the amount of minutes before a vehicle arrives.**

Distance To Be Traveled Before Arriving

**Distance before arrival allows you to enter the amount of miles before a vehicle arrives.**

## At A Location Of Your Choice?

Vehicle location allows you to enter exact location/s on a map you want to be notified when the vehicle passes.



All information is confidential and will not be shared!

Advance Notification

File

Edit

Go To

Views

Events

Window

Help

Please Enter An Amount Of Time For  
Your Advance Warning!

Please Enter Your Time For Advance Warning

How much time do you need, before the vehicle arrives?

Would You Like To See This Vehicle's Location  
At This Time On A Map?

5:30

min. & sec.

X

WOULD YOU LIKE THIS TIME  
AS A DEFAULT FOR  
ALL VEHICLES?

NO

YES

HELP

NO

ALLOWS YOU TO SET DIFFERENT PREFERENCES  
FOR EACH VEHICLE!

Start

Advance  
Notification

2:15 PM

FIG 34



Advance Notification

File

Edit

Go To

Views

Events

Window

Help

Please Enter A Vehicle's Distance (miles)  
From Your Home or Office You Would Like  
To Be Notified!

Please Enter A Distance For Advance Warning

How much distance away from your home or office  
do you need, before the vehicle arrives?

Would You Like To See This Vehicle's Location  
At This Distance On A Map?

WOULD YOU LIKE THIS  
DISTANCE AS A DEFAULT  
FOR ALL VEHICLES?

NO

YES

HELP

NO

ALLOWS YOU TO SET DIFFERENT PREFERENCES  
FOR EACH VEHICLE!

1.200  
miles

Start

Advance  
Notification

2:15 PM

FIG 35

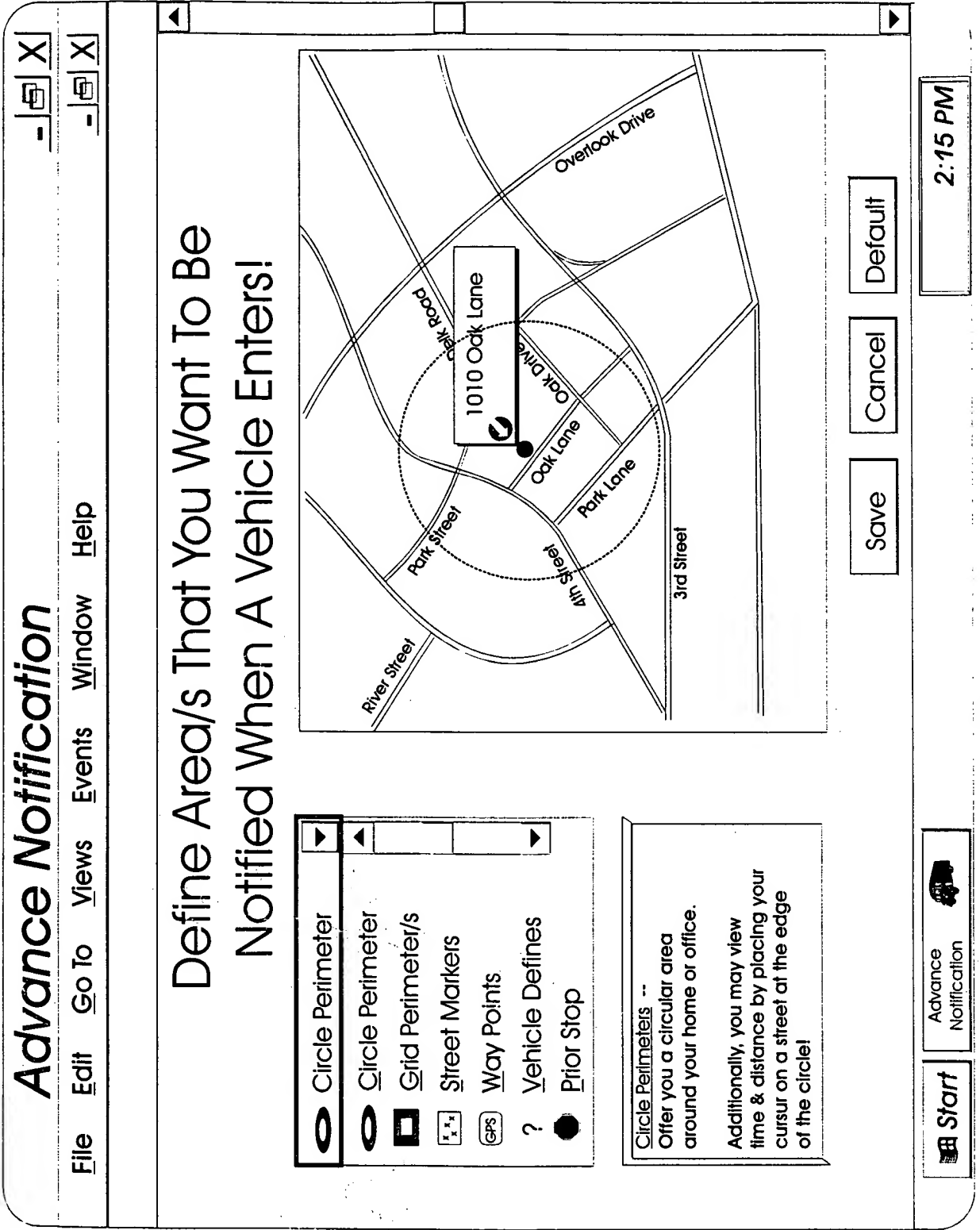


FIG 36

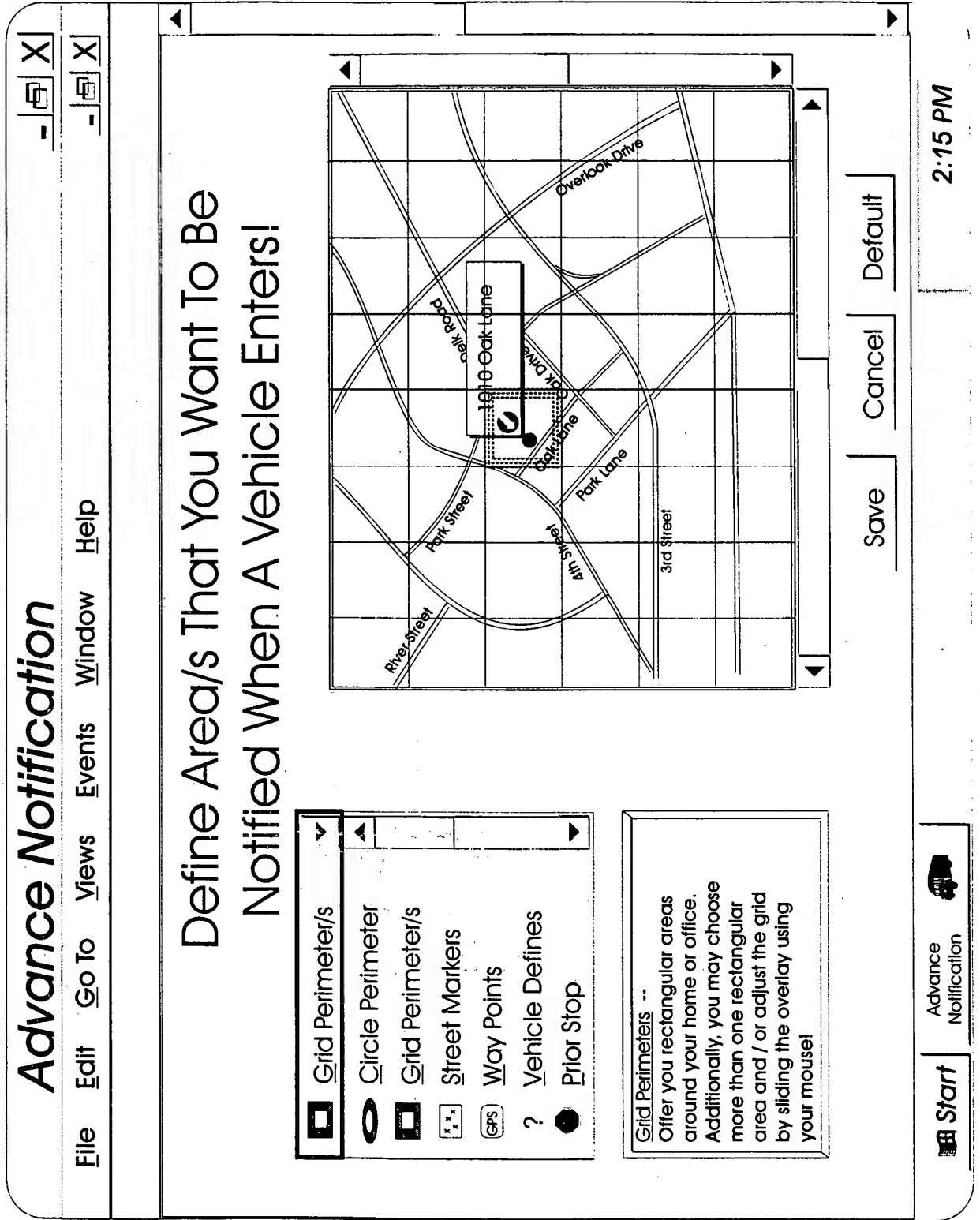


FIG 37

# Advance Notification

File Edit Go To Views Events Window Help

Define Area/s That You Want To Be  
Notified When A Vehicle Enters!

Street Markers

Circle Perimeter

Grid Perimeter/s

Street Markers

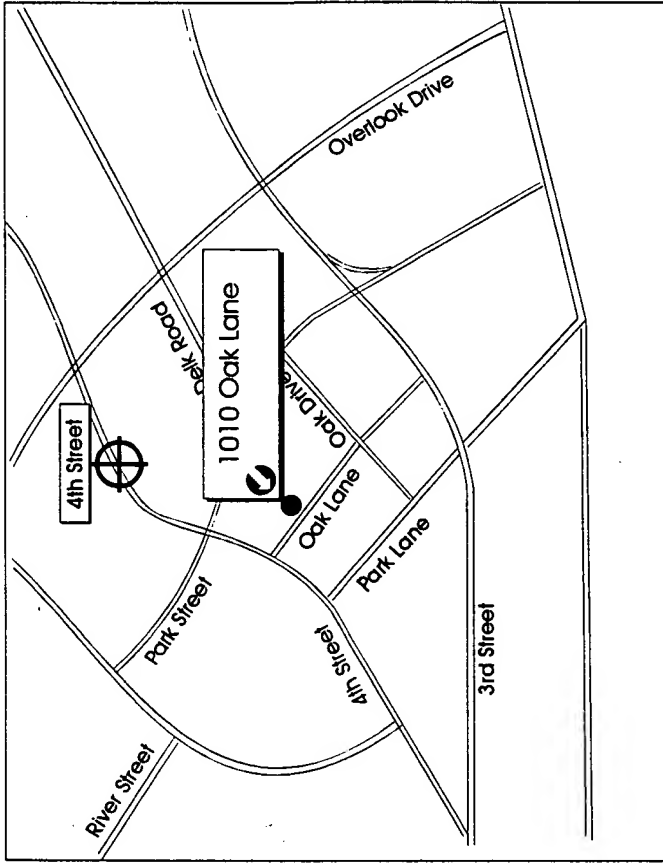
Way Points

Vehicle Defines

Prior Stop

Street Markers --  
Offer you direct spots on each  
street around your home or office.

Use Street Markers for exact  
vehicle location! Including when a  
vehicle enters your subdivision or  
access road.



Save Cancel Default

2:15 PM

Advance Notification

Start

FIG 38

Advance Notification

File

Edit

Go To

Views

Events

Window

Help

-

□

X

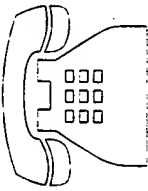
-

□

X

How Would You Like To Receive  
An Advance Warning?

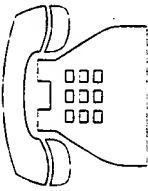
170



Would You Like To Be Notified With A  
Telephone Call And A Voice Message?

X

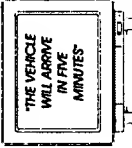
171



Would You Like The Telephone Call To  
Use A Distinctive Ringing Sound?

X


172



Would You Like To Be Notified Over A  
Computer Network and/or Internet?

X


173



Would You Like An On-Screen Display?


X

174




Would You Like An Audio Message?

X

 Start

Advance  
Notification



2:15 PM

FIG 39



150

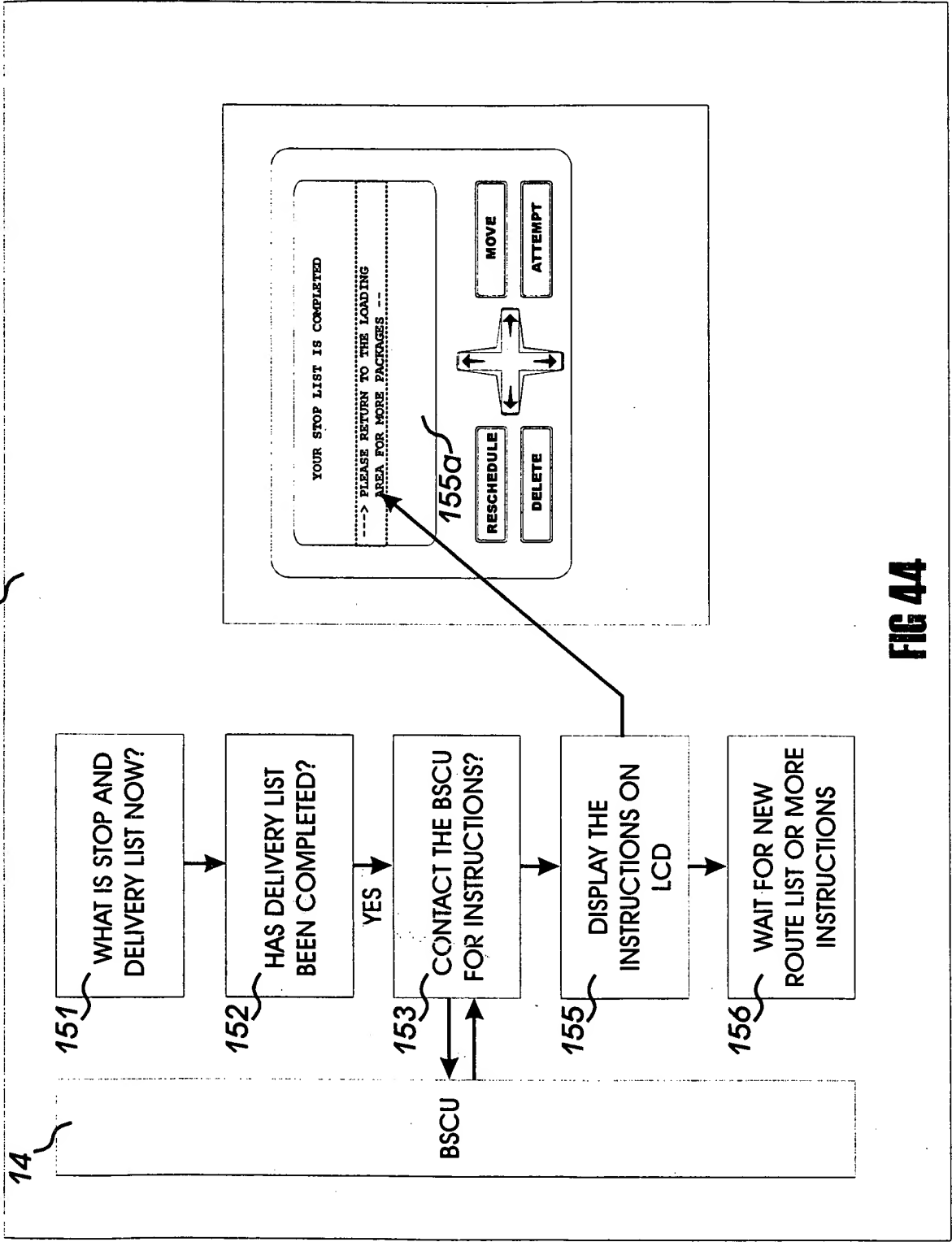


FIG 44

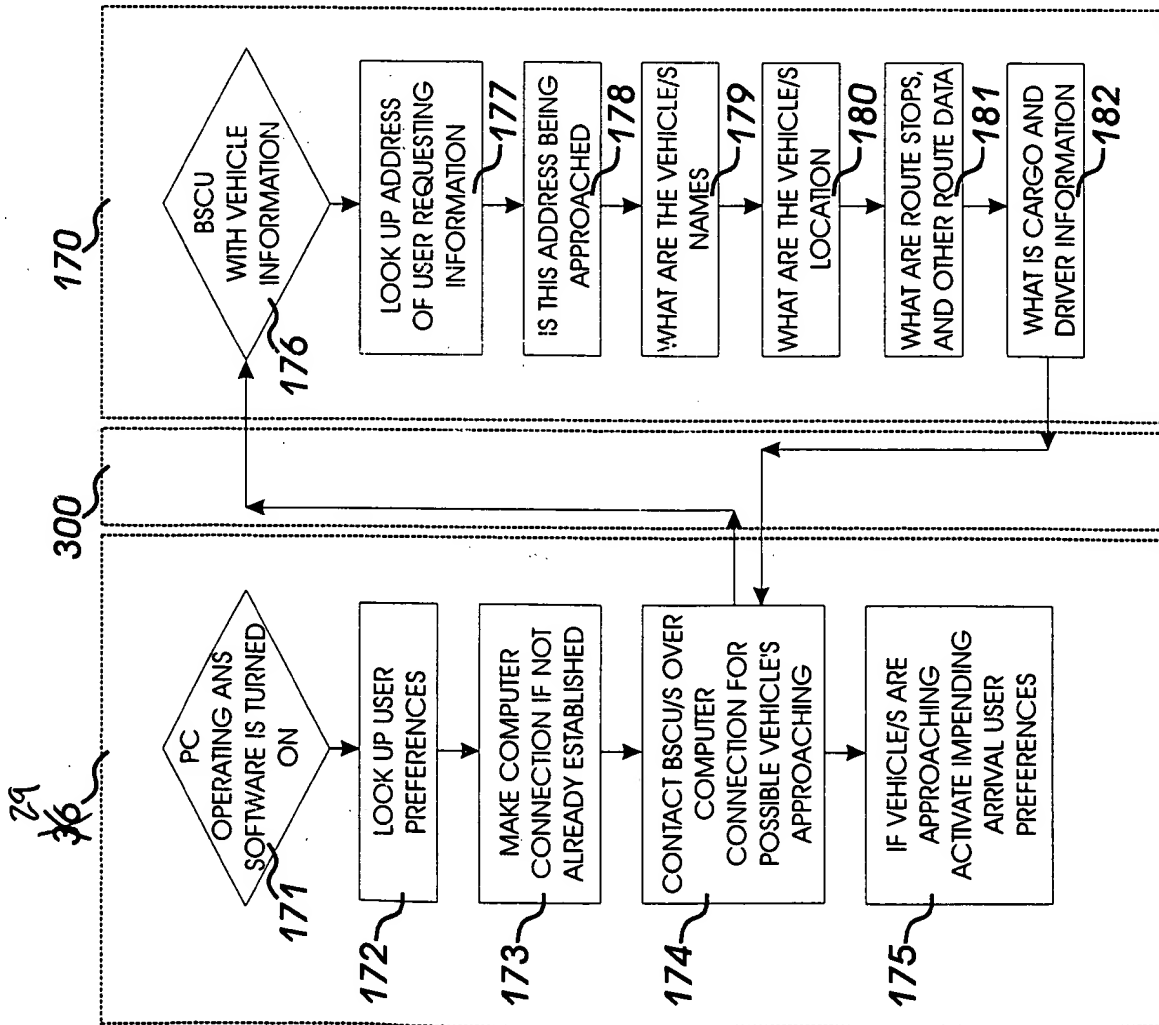


FIG 45



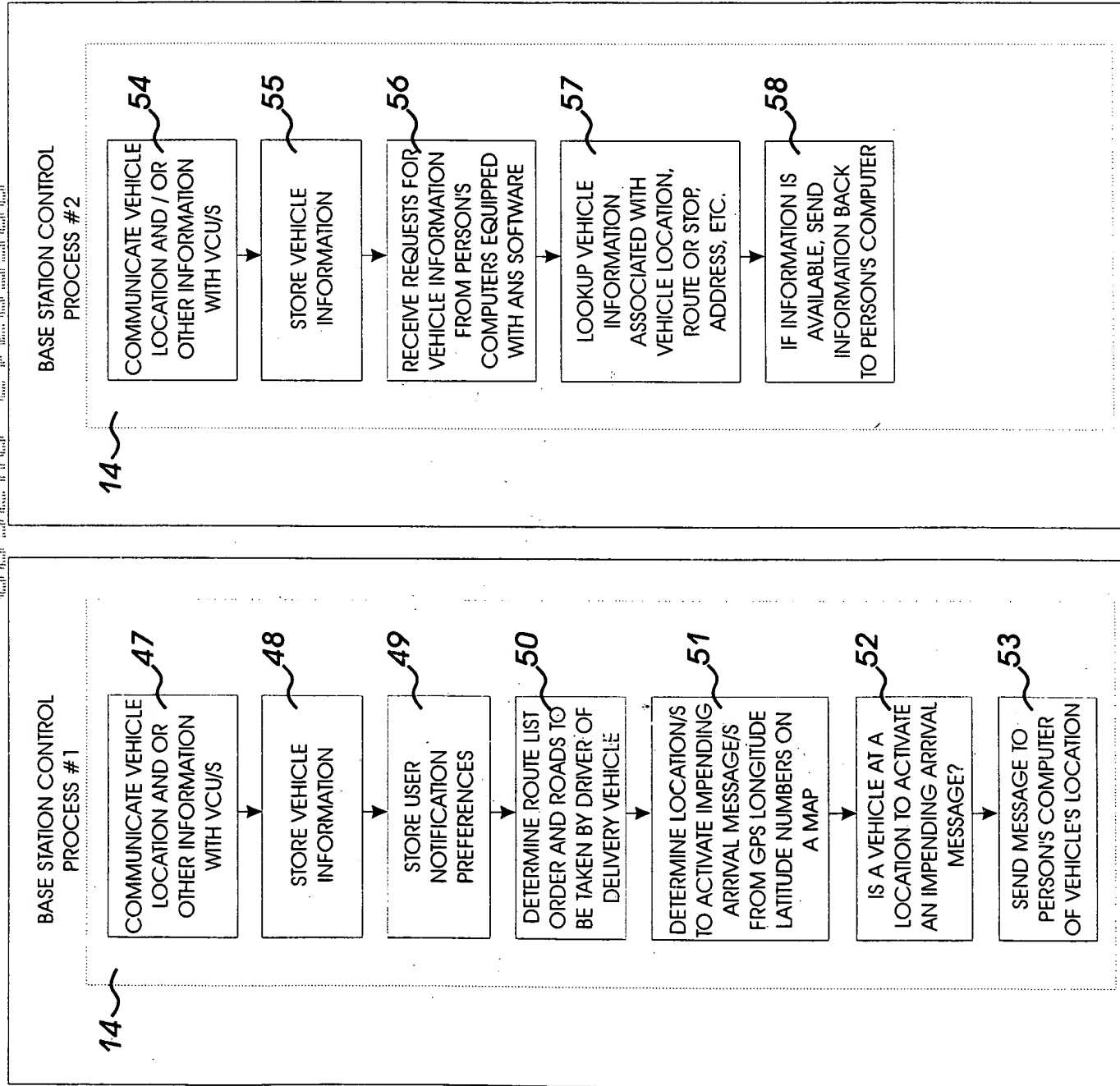


FIG 46

FIG 47

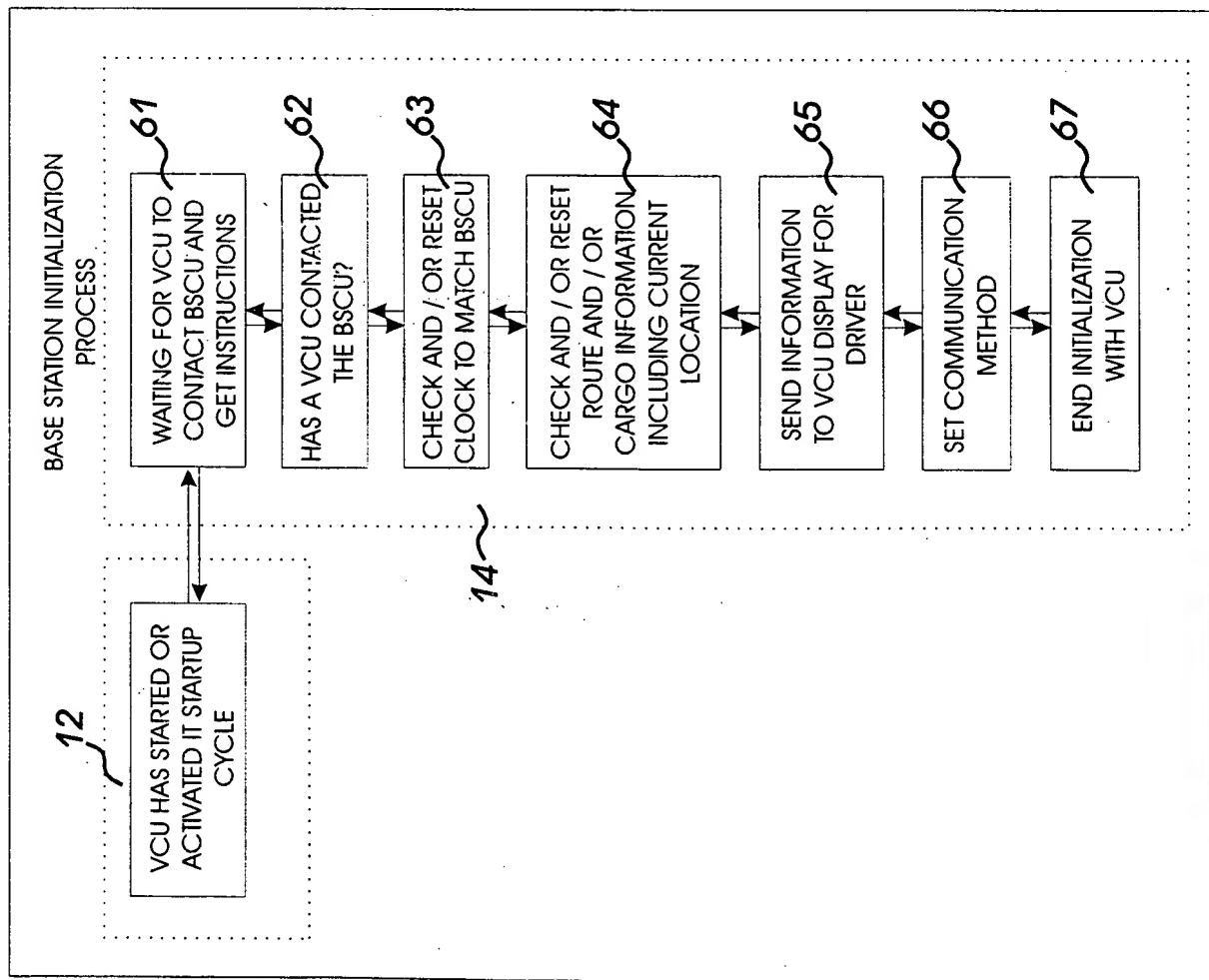


FIG 48

INTERNET SERVICE PROVIDER

File

Edit

Go To

Views

Events

Window

Help

X

X

YOU HAVE RECEIVED NEW MAIL

FROM	SUBJECT	RECEIVED	SIZE
ANS PROVIDER	ABC DELIVERY TRUCK IS APPROACHING AND IS (1) MILE AWAY (8:45AM)	8:45AM 11/20/97	

Save

Delete

Reply

Start

ISP BROWSER  
(CONNECTED)

2:15 PM

FIG 49

# DETAILED SOFTWARE 500 MONITORING SIGNALS FROM CABLE CHANNEL

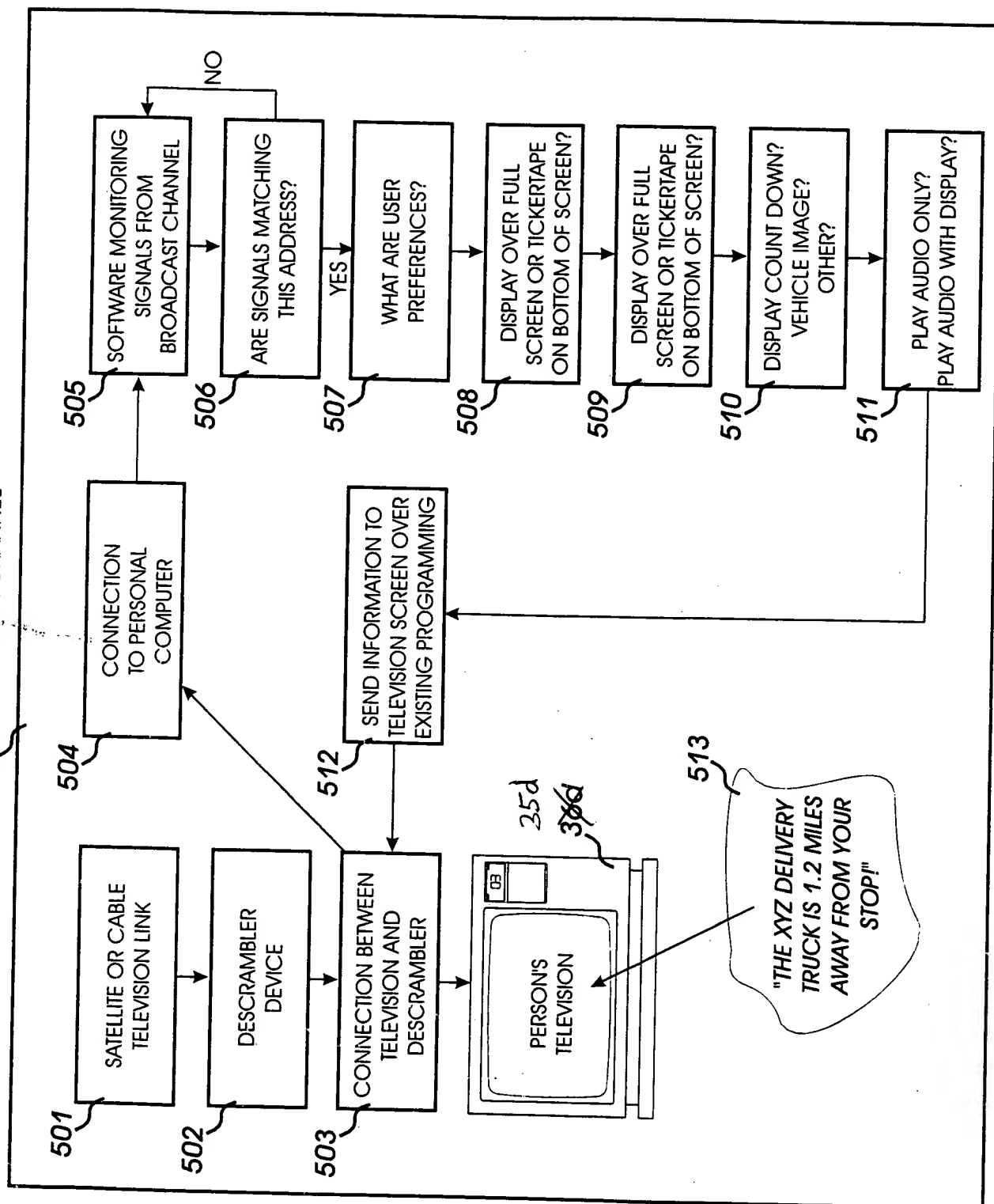


FIG 50